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INFORMATION
Report

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MEDICARE HOSPITAL INFORMATION

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Volume 40

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PENNSYLVANIA

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U.S. Department of Health and Human Services

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FOREWORD

The mission of the Health Care Financing Administration (HCFA) is to promote the timely delivery of appropriate, quality health care to the nation's aged, disabled, and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

To that end, the annual release of the Medicare Hospital Information report is a key element in our continuing efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries. It is also an important step in helping beneficiaries make more informed health care decisions.

The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"—that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital. We also expect this information to be used by hospital administrators, physicians, peer review organizations, State survey and certification agencies, and researchers.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to the rate that would have been predicted, given what we know about the characteristics of the patients admitted?" Our basic approach to analyzing hospital mortality information has remained unchanged for the past five years; however, since the last publication of mortality information in May 1991, we have made some significant changes both in our methodology and in the way we display the results of our analysis. The four principal changes in the 1992 report are:

- A graphic presentation of the predicted and observed mortality rates for most hospitals for "All Causes" for Federal fiscal years 1988-1990 at 30, 90, and 180 days;
- The addition of information on certain variables that we use in computing the predicted mortality rates for each hospital;
- The addition of information on the geographic origin of each hospital's patients; and

- A comparison of the average length of stay in each hospital with the average for the State and Nation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed by a panel of outside experts. The methodology used to calculate the observed mortality rate, the predicted mortality rate, and the standard deviation are briefly described in the Technical Information section of the Introduction to this volume and in more detail in the Technical Supplement (Volume 55).

We acknowledge the assistance we have received from the American Hospital Association—not only for providing the information detailing selected hospital characteristics, but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to review the data thoroughly and to provide us with comments and suggestions. As before, we have published individual hospitals' comments in their respective State volumes. Over the years, these communications have helped to improve and refine the information included in this publication.

HCFA is committed to improving the Medicare Hospital Information report. To that end, we are continuing to work with representatives of hospital, consumer, employer and other organizations to make this annual report as useful as possible for all consumers.

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INTRODUCTION

The Medicare Hospital Information report contains information on acute care hospitals that treated Medicare patients discharged in Federal fiscal year (FY) 1990 (October 1, 1989—September 30, 1990).

This year's publication set consists of 54 State volumes and a Technical Supplement (Volume 55). There is one volume per State, except that California and Texas have two volumes each, Hawaii is combined with American Samoa and Guam, and Puerto Rico and the Virgin Islands are combined together in one volume.

Each hospital's two summary data pages are arranged alphabetically by hospital name in each State volume. These data pages consist of:

- The hospital's FY 1990 Medicare hospital mortality rates;
- A graphic presentation of the predicted and observed mortality rates for **most** hospitals for "All Causes" for FYs 1988—1990 at 30, 90, and 180 days;
- The FY 1990 values for selected explanatory factors used to predict the mortality rates;
- Origins and lengths of stays of Medicare admissions; and
- Hospital characteristics, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey, Certification and Reporting System (OSCAR) file.

> ***Please note that the information regarding origins and lengths of stays and hospital characteristics are presented strictly for information purposes only. They were not used to calculate the hospital's predicted mortality rates.***

Toward the end of each volume, we include both State and national mortality rates developed by our analysis, as well as the comments we received from individual hospitals.

DESCRIPTION OF MORTALITY INFORMATION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the four prior years. Only one hospitalization for every patient was used. As in last year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay was selected at random to be analyzed. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients.

Although we publish data only on deaths which occur within 180 days of admission to the hospital, for purposes of analysis our methodology actually considers deaths which occur any time within 365 days of admission (with the exception that no date of death later than April 1, 1991 is used). This is part of the formula which assesses the long-term risk of mortality. With this approach, information about the early and later results of the hospitalization is provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term effects. The choice of at least 180 days allows substantial followup consistent with timely reporting of HCFA data.

We again analyzed the data on a fiscal year, rather than on a calendar year, basis because it allows us to report on recent hospitalizations. Also, new Medicare rules are often instituted on a fiscal year basis.

For each hospital, mortality rates are presented for overall Medicare patient mortality and for eight medical conditions and nine procedures. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate.

The following information will be helpful when reviewing specific information for any given hospital.

Number Of Cases

This is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases randomly selected for each hospital is presented under the category "All Causes." The eight medical condition and nine surgical procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight medical condition categories, that same patient may also appear in one or more of the nine surgical procedure categories. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight medical condition categories.

The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories do not cover the reason for admission of all the hospitalized Medicare patients in this study. (The ICD-9-CM codes included in each condition and procedure category appear in Table 1 following this Introduction section.)

These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; they do not necessarily represent the cause of death. HCFA does not have access to cause of death information.

Observed Mortality Rate (OBS)

The observed mortality rate for each category is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90, or 180 days of the selected admission. This rate does **not** represent the percentage whose death was caused by a particular condition or procedure.

The percentage is rounded to the nearest one-tenth of one percent. Both inhospital deaths and deaths occurring after discharge but within 30, 90, or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent.

It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission.

Predicted Mortality Rate (PRED)

The predicted mortality rate for each hospital's patients is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics such as:

- Principal diagnosis (grouped into 23 analytical risk categories),
- Age,
- Sex,
- Previous hospital admissions within the prior six months,
- Admission source (e.g., physician reference, skilled nursing facility reference),
- Admission type (e.g., elective or emergency), and
- The presence of up to seven comorbid conditions—cancer, chronic cardiovascular disease, chronic renal disease, chronic liver disease, chronic pulmonary disease, cerebrovascular degeneration, and chronic diabetes. A list of the ICD-9-CM codes defining the comorbid conditions is in Table 2 following this Introduction section.

Standard Deviation (SD)

The standard deviation is a tool to gauge the extent to which the difference between the observed and predicted mortality rate is meaningful. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for possible concern about the institution's performance.

Information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED is included in the Technical Information section of this Introduction. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, dashes ("---") are placed in the SD column.

OBSERVED MORTALITY RATE AND PREDICTED RANGE FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

Also in this year's report, we have presented graphs that display the information for most hospitals described above for FYs 1988 and 1989, as well as FY 1990. (In particular, these graphs could not be computed for hospitals that had 50 or fewer cases or no deaths in FYs 1988, 1989, or 1990). In constructing the graphs, we used 2 times the standard deviation to approximate a 95 percent prediction interval. The observed mortality is shown as a dot (•). The predicted mortality is shown at the middle of a range of mortality rates. The bottom of the range is the predicted mortality minus twice the standard deviation, and the top of the range represents the predicted mortality plus twice the standard deviation. The graphs for FY 1988 and FY 1989 are based on new random samples and new computations for this year's report. Thus, the calculations for some hospitals for FY 1988 and FY 1989 may be different from previous releases, because we are including more current data in this year's report.

FY 1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

This year's report includes the FY 1990 average at each hospital of many of the explanatory factors used to predict that hospital's mortality rates. This information provides a profile of the patients used in the analysis and should help to identify possible systematic coding errors in the claims data used to calculate the mortality rates. These percentages are derived from the patients included in the sample and should be applied to the total number of cases listed in "All Causes." It is important to note that neither the admission sources/types nor the comorbidities categories are mutually exclusive. For example, a patient could be both "referred by his personal physician" and "admitted for elective procedure." Similarly, a patient could have secondary diagnoses of both cancer and diabetes.

INFORMATION SOURCES AND NOTES

We believe that when the mortality rate information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital—postadmission mortality for Medicare beneficiaries.

Mortality information is not necessarily representative of a hospital's total performance in all aspects of patient care. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because its patient mix is not fully accounted for by the model.

Accordingly, we offered each hospital the opportunity to review their specific information and to provide comments to HCFA and the public, and we included those comments that were received timely at the end of this volume. Users should read the discussions about the uses and limitations of the mortality information found on page xiii, as well as any comments a hospital may have provided.

Hospitals In The Analysis

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities—all have a zero in the third position of their Medicare provider number. All other hospitals—those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions—were excluded. This year, as in the past two years, we have also excluded hospices.

In some cases, we have included data for hospitals that closed, changed ownership, or changed management either during or subsequent to FY 1990. Our data included for those institutions reflects the situation as it existed at the time the hospitalizations analyzed occurred.

Data Sources

This report is based primarily on Medicare hospital billing information for Federal fiscal years 1988, 1989, and 1990. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file, which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the inpatient care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1991 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year), 98 percent of all Medicare discharges in FY 1990 are included in the file.

Possible Limitations Of The Data

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. For example, last year some hospitals had not accurately reported the source or type of admission, and thus erroneous information was included in the analysis for those hospitals. However, the fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information that might be missing or inaccurate is such a small portion of the total that it would have little effect on the results for national estimates. Nevertheless, it may substantially affect an individual hospital if it were the source of the inaccurate information.

While we feel that the information used in this analysis is thorough and complete, there are a few points to keep in mind as you review the mortality information.

The information used is billing data; it is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

For example, following last year's public release of the hospital mortality data, several hospitals wrote to HCFA indicating that they had submitted incorrect data. Furthermore, they stated that if they had given us the correct information, their predicted mortality rates would have been higher than those presented in HCFA's report. Therefore, in this year's report we have annotated those hospitals' data pages with a footnote stating: "This hospital says that it submitted inaccurate data to Medicare and claims that its predicted mortality rate should be higher than that presented above." At this point, however, HCFA cannot confirm the validity of those hospitals' claims. The analysis results might very well be different if the data on which they were based were submitted accurately by those hospitals.

In our previous analysis of mortality data, we discovered that some States had zero admissions from a skilled nursing facility. While some of these problems were corrected on the MEDPAR files used for this analysis, at the time this study was initiated we found empirical evidence that some of the files still contained suspect information. The suspect data were identified by noting those months (date of discharge) and fiscal intermediaries for which the type and source of admission fields appeared to be interchanged. Based on our findings, we reversed these fields to at least partially correct the remaining discrepancies. The following list shows the specific instances for which the fields were reversed for this analysis.

TYPE AND SOURCE OF ADMISSION FLIPPED

FI No.	FI Name	Dates
00030	Arizona Blue Cross	10/01/86 — 12/31/88
00080	Maryland Blue Cross/DC	06/01/87 — 09/30/87
00190	Maryland Blue Cross	06/22/87 — 12/31/88
00400	Texas Blue Cross	12/07/87 — 12/31/88

HOW TO USE THIS INFORMATION

There are several key points to remember about the use of this information. **First, it is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this report may not be a direct measure of the quality of care rendered in the hospitals.**

Second, the usefulness of this information depends upon the accuracy with which mortality rates can be predicted. We do not currently have any direct measurement tool with which we can fully adjust for severity of patient illness differences among hospitals. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex, and several other factors. This might happen because one hospital's stroke patients may consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population may represent a broader spectrum of patients with cerebrovascular problems, or because these two hospitals, in fact, do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that the information presented in this publication is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including consumers, hospital administrators, physicians, PROs, and researchers.

Use By Consumers — Some Key Questions

Consumers should read carefully the explanations of the uses and limitations of the information. Listed below are some questions that we recommend a consumer think about before choosing a hospital. Please keep in mind that this is not a comprehensive list, but it should serve to illustrate the types of questions that are important to consider.

- Why are the hospital's observed mortality rates for "All Causes" consistently and significantly above the predicted rates for FY 1990?
- Why are the hospital's observed mortality rates for the condition for which I need treatment or the procedure I will undergo consistently and significantly above the predicted rates for FY 1990?
- How does this hospital's pattern of mortality compare with that of other hospitals in the State and Nation?

- Is the number of cases too small to present a satisfactory picture of the hospital?

- Does the hospital treat a large number of cases in the category for which I need treatment?

- Does the hospital treat a large number of patients who have several co-existing illnesses or who otherwise are likely to be "sicker" than average?

Other Users Of This Publication

Among other users of this publication, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. We know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are seeking information that will result in improved health care delivery.

Outside Assistance In Developing This Publication

The development and presentation of the Medicare Hospital Information report continues to be an important part of HCFA's responsibilities in the health care community. To make the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rates significantly exceed the rates that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information reports. Many suggestions from these sources have been incorporated into this report.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies rarely had an effect on a hospital's overall mortality rate. Most of these instances fell into the following two broad categories.

- **Inaccurate Date of Death** — We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We now have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

- **Discrepant Case Counts** — Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this report.

We believe it is important for consumers of health care to have access to as much information about hospitals as possible when making health care choices. Along with hospital characteristics information, we have added this year information about the origin and length of stay of Medicare admissions. This information is presented for comparative purposes only and was not used in calculating a hospital's predicted mortality rates. These data were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates.

ORIGIN OF MEDICARE ADMISSIONS

Data on the geographic origin of each hospital's patients are presented in this year's report. We obtained from the Health Insurance Master file the State and county of residence for each Medicare beneficiary discharged from a Medicare-certified, acute care hospital during FY 1990. We then compared that information with the location of the hospital to determine the percentage of all discharges where the patient lived within the same city/county as the hospital location, within the State where the hospital is located, or outside the State. The percentages are derived by dividing the number of discharges of beneficiaries in a geographic category by the total number of Medicare discharges from the hospital. Please note that these are percentages of total Medicare discharges, not of the mortality sample alone.

MEDICARE AVERAGE LENGTH OF STAY

We obtained from the MEDPAR file the total days of care—both Medicare covered and noncovered—and divided that total by the number of discharges from each hospital. Total, rather than covered, days were used because, under the Prospective Payment System (PPS), if a Medicare patient has at least one day of hospital coverage available to him in the current spell of illness, the hospital will be paid the full diagnosis related group (DRG) amount plus any approved outlier amount, regardless of the number of days actually used.

Example: Hospital A had 2,513 Medicare discharges with a total of 24,379 days.

Calculation: $$\frac{24{,}379}{2{,}513} = 9.7 \text{ days}$$

The Medicare average length of stay is 9.7 days.

HOSPITAL CHARACTERISTICS

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals, with the exception of the case mix index (CMI), which was derived from HCFA billing data. This file consists of information voluntarily reported by hospitals to the AHA. In instances where AHA data were unavailable, for example for hospitals that did not respond to the AHA survey, we derived the information from HCFA's Online Survey, Certification and Reporting system (OSCAR). The hospital characteristics and the specific special services listed were selected with the concurrence of the AHA as being those most meaningful to the Medicare population. Information on these specific data elements follows.

AHA Definitions (except for CMI)

Survey and Year — AHA 1990. Source is the American Hospital Association’s 1990 Annual Survey of Hospital files.

Profile

Total beds (#) — Number of beds (including subacute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

Occupancy rate (percent) — Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these “statistical beds” may differ from the bed count at the close of the reporting period.)

Ownership/control — State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

Medicare discharges — The total number of inpatient discharges for Medicare patients for those hospitals selected for the mortality calculations, including all discharges for persons with more than one hospitalization during the year. (The mortality data include only one randomly selected discharge for each hospitalized enrollee. Therefore, this figure may reflect more discharges than the actual number of cases randomly selected for the mortality study.)

Case mix index (CMI) — A measure of the overall complexity of the Medicare cases treated by a given hospital compared to the complexity of the national average case mix. The CMI represents the relative costliness of each hospital's mix of cases compared to the national average mix of cases. A CMI of greater than one means that a hospital treats more complex cases than average. A CMI of less than one means that a hospital treats less complex cases than average. The CMI for each hospital is calculated on an annual basis. In this report, the CMI presented for each hospital is calculated based on its discharges in FY 1990.

A hospital's CMI is calculated by multiplying the number of cases in each DRG by the relative weight of that DRG, summing the products, and dividing the sum by the total number of cases for the year. For calculating the FY 1990 CMI, use the DRG relative weights published in the *Federal Register*, Volume 54, Number 169, pages 36468 ff., dated September 1, 1989.

Staffing (all AHA counts are as of 9/30/90)

Total number of physicians — Total active and associate medical staff.

Percent of physicians who are board-certified specialists — Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

Medical residents/interns — Full-time equivalent (FTE) medical residents or interns.

Registered nurses — Full-time equivalent (FTE) registered nurses.

Licensed practical nurses — Full-time equivalent (FTE) licensed practical nurses.

Specialty Services

Burn Unit — Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

Cardiac Intensive Care — Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel, and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

Comprehensive Geriatric — Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. It includes the assessment of medical conditions, functional activities, and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

Hospice Care — A program providing primarily medical relief of pain and support services to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

Medical/Surgical Intensive Care — Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel, and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not approved in a distinct cardiac care unit. This category is called "intensive care unit" in OSCAR.

Organ/Tissue Transplant — The hospital has the necessary staff and equipment to perform the surgical removal of a viable human organ or tissue from a donor, either living or deceased, and the surgical grafting of the organ/tissue to a suitably evaluated and prepared patient.

Other Intensive Care — Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

Trauma Center — Provides emergency and specialized intensive care to critically injured patients.

Other Specialty/Hospital-Based Services

Alcohol/Drug — Hospital services for the medical care and/or rehabilitative treatment of outpatients whose primary diagnosis is alcoholism or other chemical dependency.

Rehabilitation — A unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

Psychiatric — Care provided to emotionally disturbed, chronically mentally ill, mentally disordered, or other mentally incompetent patients on the basis of physicians' orders and approved nursing care plans. Beds must be set up and staffed in units specifically designated for this service.

Medicare Swing Beds — The hospital is certified by Medicare to provide "swing bed" services; that is, some acute care beds can be used for skilled nursing facility type care in the hospital for Medicare purposes.

OSCAR Definitions (except for CMI)

Survey and Year — HCFA, most recent year. Data were derived from the Online Survey, Certification and Reporting System (OSCAR).

Profile

Total beds (#) — Total number of operational beds eligible for Medicare payment.

Ownership/control — Church; private, nonprofit; other nonprofit; proprietary; Federal Government; State government; local government; and hospital district or authority.

Case mix index (CMI) — See definition shown in AHA "Profile" section.

Staffing

Medical residents/interns — Full-time equivalent (FTE) medical residents or interns.

Registered nurses — Full-time equivalent (FTE) registered nurses.

Licensed practical nurses — Full-time equivalent (FTE) licensed practical nurses.

Specialty Services

NOTE: There are no specific definitions of specialty services in OSCAR. Characteristics are self-reported by each hospital at initial Medicare certification and recertification, and are generally understood to parallel the explicit AHA definitions (above). The AHA categories “comprehensive geriatric” and “other intensive care” are not available in OSCAR. However, they may be included in the OSCAR category of other specialty services (not shown in table).

Coronary Care — See definition shown in AHA “Specialty Services” section.

Intensive Care Unit — See definition shown in AHA “Specialty Services” section. These units may also include other intensive care units in OSCAR reporting.

Organ Transplant — See definition shown in AHA “Organ/Tissue Transplant” section. May include tissue transplants because there is not a separate field in OSCAR for these services.

TECHNICAL INFORMATION

DATA SOURCES

The data analyzed in this report are obtained from the Medicare Provider Analysis and Review (MEDPAR) file for the fiscal years 1987-1990, which contains information on the hospital stays of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex, and date of death, which are obtained from the Social Security Administration, the Railroad Retirement Board, or the Office of Personnel Management.

Hospital stays with discharges in fiscal years 1988, 1989, and 1990 were used in these analyses. Hospital stays in 1987 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute care hospital stays in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospital stays in institutions (designated by a "9" in the fourth position of the provider number) and hospital stays in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units (with "special unit codes" of S, T, U and V, respectively, in the third position) were excluded.

THE MORTALITY MODEL

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospital stays were analyzed separately by analytical category. The analytical categories were created by grouping ICD-9-CM diagnosis codes that had similar mortality patterns. The procedures for creating the analytical categories and the groups of ICD-9-CM diagnosis codes that defined them are detailed in the Technical Supplement.

The mortality experience of the patients was evaluated as a function of time within 365 days of the admission. The factors included in the mortality model used to evaluate each patient's probabilities of death are given in Table 3. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the 6 months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure," Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

ANALYTIC TECHNIQUES

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study April 1, 1991 or at the end of the followup period of 365 days.

The survival function, S(t), is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, h(t), also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}.$$

The probability density function, f(t), commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases, the area under the survival curve is restricted to an interval $0\text{-}t_1$ where t_1 might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0+\alpha_1 x_1+\ldots+\alpha_i x_i+\ldots+\alpha_k x_k)$$
$$\gamma = \exp(\gamma_0+\gamma_1 x_1+\ldots+\gamma_i x_i+\ldots+\gamma_k x_k)$$
$$\delta = \exp(\delta_0+\delta_1 x_1+\ldots+\delta_i x_i+\ldots+\delta_k x_k)$$

are the expressions for each of the structural parameters α, γ, and δ in terms of the k concomitant variables x_i and their associated component parameters α_i, γ_i, and δ_i for i=1, 2,..., k and three intercepts or component parameters α_0, γ_0, and δ_0. The structural parameter δ is the long-term risk which is approached as $t \rightarrow \infty$. The structural parameter α is the initial excess risk which decays with rate constant γ.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, δ. The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta .$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 23 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 900 cases (more than 300 for codes identified by year). Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients α_i, γ_i, and δ_i have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytical categories are useful for grouping the patients into relatively risk-homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables and defined in Table 1 were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

ESTIMATION OF THE STANDARD DEVIATION FOR PREDICTED MORTALITY

The standard deviation of the predicted mortality rate is used to assess how statistically different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components V_1, V_2, V_3, and V_4 where V_1 is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included in the present analysis.

V_2 is the binomial variance for n patients

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n} .$$

V_3 is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}(\Theta)} = \left(1 - \frac{1}{n}\right) \widehat{M_2(\Theta)}$$

where

$$\widehat{M_2(\Theta)} = \left\{ \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right\}^2 \left(\frac{1}{z_p^2} \right)$$

The quantity z_p corresponds to the statistical significance (p-value) of the hospital-specific effect.

V_4 is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality} \right) - \left(\begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2 .$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

STANDARDIZED MORTALITY RATIO (SMR)

Another method of evaluating a hospital’s performance—the Standardized Mortality Ratio (SMR)—is obtained by dividing the observed mortality rate by the predicted mortality rate. An SMR of one means the observed and predicted mortality are equal. A ratio greater than one means the observed mortality exceeds the predicted. A ratio less than one means the observed mortality is less than expected. The more extreme the ratio (significantly greater than one indicating unusually high mortality and significantly less than one indicating unusually low mortality), the greater the attention which should be paid to the results of this mortality report.

For each of the conditions and procedures, selected percentiles for the observed distribution of the SMR are displayed in Table 4. The selected percentiles provide benchmarks for comparison. For example, for a hospital with 300 cases in the "All Causes" category, with observed mortality of 12.2 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 12.2/10.0 = 1.22.

Note that an SMR of one means the observed and predicted mortality are equal, while a ratio greater than one means the observed mortality exceeds the predicted, and a ratio less than one means the observed mortality is less than expected. There will be greater interest in the more extreme ratios, either greater than one — excessively high mortality — or less than one — extremely low mortality.

From Table 4 for FY 1990, we find that the ratio is just below the 75th percentile of 1.23. Hence, slightly under 75 percent of the hospitals have an SMR less than that found at this hospital.

However, for a hospital with 900 cases in the "All Causes" category, with observed mortality of 19.3 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 19.3/10.0 = 1.93.

Since the SMR of 1.93 is greater than the 97.5 percentile of 1.35 (Table 4 for 750 or more cases), there is cause for concern. To further assess this, we examine the displayed data in terms of the measure of uncertainty, the standard deviation.

MEASURES OF UNCERTAINTY

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table 5 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels of 75, 95 and 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table 5 exceeds the precision of the estimate of the standard deviation. Hence, the following rule-of-thumb represents an adequate approximation to the factors in Table 5 and an adequate guide to the **statistical meaningfulness** of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table 5, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Upper Bound," the row "75" for the number of cases, and, by interpolation, between the "10 percent" and the "20 percent" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. Likewise, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

For the graphs, the observed mortality and an approximate 95 percent prediction interval are displayed. The prediction interval has bounds at the predicted mortality plus 2 times the standard deviation and at the predicted minus 2 times the standard deviation.

In the mortality rate tables, the observed and predicted mortality rates and the standard deviation as a measure for statistical importance of the difference are displayed for the overall and each of the conditions and procedures.

HOW TO OBTAIN MEDICARE HOSPITAL INFORMATION

The publication has been widely distributed to State health organizations and hospital and medical associations. The publication is available to the public for purchase in 55 volumes, with each volume being sold separately through the Government Printing Office (GPO). More detailed information about the purchase of this publication may be obtained by contacting:

Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

Telephone: (202) 783-3238

As in prior years, the information appearing in the Medicare Hospital Information report is available in machine-readable/electronic format (tape and diskette). The Medicare Hospital Information public use file provides the published information as contained in the 55-volume hardcopy publication, except that the AHA's hospital characteristics are not on this file. Hospital characteristics from HCFA files (OSCAR) are provided instead. The files contain additional information which is useful for supplemental analyses: averages by hospital, MSA, and State for each of the variables used in the model, mortality rates for 15, 30, 60, 90 and 180 days, and cross-reference files which relate State, MSA, and ICD-9-CM codes used to a name. These data should allow analysts to assess an individual hospital's performance in comparison to all hospitals in the State or applicable MSA.

Also available to **hospitals** in machine-readable format is their patient-specific data that were used in the report. These data include the patient variables used in the analysis (e.g., the number and severity level of prior hospitalizations considered by the methodology, admission source and type, etc.) and the predicted probability of death at each time interval for each individual included in the study. With these data it is possible for hospitals to better understand their statistics. **Due to confidentiality considerations, requests for patient-specific data must be forwarded on hospital letterhead, must include the institution's Medicare provider number, and must be signed by the hospital administrator.**

For information about obtaining Medicare Hospital Information electronic media data, please contact HCFA's Bureau of Data Management and Strategy at:

Health Care Financing Administration
Bureau of Data Management and Strategy
Office of Statistics and Data Management
3-A-10 Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207

Telephone: (410) 597-5151

Table 1

DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Heart Disorders/Procedures	
Acute Myocardial Infarction (AMI)	All of 410 (D) (on 10/1/89 exclude 410 with 5th digit of a 2)

Note: *For code 410 a 5th digit was added on October 1, 1989.*

CONDITION/PROCEDURE	ICD-9-CM CODES
Congestive Heart Failure (CHF)	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty (ANGPLSTY)	All of 36.0 (P) excluding 36.00, 36.03, 36.04, 36.09 (all P)

Note: *Code 36.0 had a 4th digit added on October 1, 1986. Code 36.0 got digits of 0, 1, 2, 3, and 9, and code 36.04 got some previously coded cases of 39.97. On October 1, 1987, code 36.01 was divided into 36.01 and 36.05, and some cases from 36.02 were put into 36.05.*

CONDITION/PROCEDURE	ICD-9-CM CODES
Coronary Artery Bypass Graft (CABG)	All of 36.1(P) and not Angioplasty (see above)
Pacemaker Insertion, Initial (PACE)	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70 through 37.73) (all P)

Note: *Code 37.70 was restructured on October 1, 1987. Previously the code contained both leads and devices. On October 1 these were separated and devices were coded as 37.80 through 37.83, and codes for the leads were changed into various 37.70 codes.*

CONDITION/PROCEDURE	**ICD-9-CM CODES** *(D)=Diagnosis code* *(P)=Procedure code*
Pulmonary Disorders	
Pneumonia/Influenza (PNU)	All of 480, all of 481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary (COPD)	All of 491, all of 492, all of 494, Disease all of 496; and 466.0, 518.82, 518.5, and 786.09 when there is a secondary diagnosis of any 496 (all D)

Note: *Code 518.8 got a 5th digit on October 1, 1987. Some cases from 799.1 were put into codes 518.81 and 518.82.*

CONDITION/PROCEDURE	**ICD-9-CM CODES**
Cerebrovascular Disorders/Procedures	
Transient Cerebral Ischemia (TCI)	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy at the time of admission—38.12(P)
Stroke (STK)	431, 434 through 434.9, 436 (all D)
Carotid Endarterectomy (ENDART)	38.12 (P) with 433.1 (D); 433.3 (D) or 435(D) as a principal diagnosis
Musculoskeletal Disorders/Procedures	
Fracture of Neck of Femur (FXHIP)	All of 820 (D)
Hip Replacement/Revision (HIPREP)	81.5, 81.6 (exclude 81.69) (all P). On 10/1/89 code 81.51 (P) through 81.53 (P) with same diagnoses.
Open Reduction of Fractured Femur (OPRDUX)	79.35(P) on condition of 820 (D) as principal diagnosis

CONDITION/PROCEDURE	ICD-9-CM CODES *(D)=Diagnosis code* *(P)=Procedure code*
Genitourinary Disorders/Procedures	
Prostatectomy (PROS)	60.2, 60.3 through 60.69 (all P)
Hysterectomy (HYS)	68.3 through 68.7 (P)
Gastrointestinal Disorders/Procedures	
Cholecystectomy (CHOLOTMY)	51.22 (P)
Sepsis	
Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038.0, 038.1, 038.2, 038.3, 038.40, 038.41, 038.42, 038.43, 038.44, 038.49, 038.8, 038.9, 054.5

Table 2

COMORBIDITY CONDITIONS

(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.91
Chronic cardiovascular disease	412-414.9, 426-429.1
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93
Chronic diabetes	250.01, 250.1-250.91
Chronic pulmonary disease	491-493.91, 496
Cerebrovascular degeneration	290-290.9, 294-299.9

Table 3

EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

Demographics

SXFM An indicator variable: = 1 if Female, 0 otherwise

AGEFM = AGESP if SXFM = 1, 0 otherwise
AGEML = AGESP if SXFM = 0, 0 otherwise

where

$$\text{AGESP} = \text{sign}\,(W\text{-}65)\left(\left|\frac{W\text{-}65}{65}\right|\right)^{1.44}$$

and

$$W = \left\{\begin{array}{c} 23 \text{ if AGE} \leq 23 \\ \text{AGE if } 23 < \text{AGE} < 100 \\ 100 \text{ if } 100 \leq \text{AGE} \end{array}\right\}$$

Comorbidities

(Indicator variables = 1 if comorbidity present on current or prior admission with discharge within 6 months prior to current admission, 0 otherwise)

	Comorbidities	ICD-9-CM Codes
CCA	Cancer	141-160.9, 162-172.9, 174-208.91
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1
CLV	Chronic liver disease	571-572.8
CRN	Chronic renal disease	582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93
CDI	Chronic diabetes	250.01, 250.1-250.91
COP	Chronic pulmonary disease	491-493.91, 496
CCE	Cerebrovascular degeneration	290-290.9, 294-299.9

Co Occurrence of Comorbidities

COP_CCV	1 if COP = 1 and CCV = 1, 0 otherwise
CCA_CCV	1 if CCA = 1 and CCV = 1, 0 otherwise
COP_CCA	1 if COP = 1 and CCA = 1, 0 otherwise
CCE_CCV	1 if CCE = 1 and CCV = 1, 0 otherwise
CRN_CCV	1 if CRN = 1 and CCV = 1, 0 otherwise

Admission Sources and Types

(Indicator variables = 1 if source or type present, 0 otherwise)

PREF	Patient referred by personal or HMO physician
TRSNF	Patient transferred from skilled nursing facility
ELCT	Patient admitted for elective procedure
EMRG	Patient admitted for emergency

Co-Occurrence of Admission Source and Type

PREF_ELEC = 1 if PREF = 1 and ELCT = 1, 0 otherwise

Previous Hospitalizations

P_RISK1	Number at 1st risk level with 3 or more set to 3
P_RISK2	Number at 2nd risk level with 3 or more set to 3
P_RISK3	Number at 3rd risk level with 3 or more set to 3
P_RISK4	Number at 4th risk level with 4 or more set to 4
P_RISK5	Number at 5th risk level with 3 or more set to 3
F(T)	Probability of death from previous admission if discharge within 182 days of current admission, 0 otherwise

Time Trend

FLAG89	1 if discharge in FY1989, 0 otherwise
FLAG90	1 if discharge in FY1990, 0 otherwise
INYEAR	Difference between current admission date and April 1 of fiscal year of discharge

TABLE 4

SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES

1990 STUDY, FY1990

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2645	0.45	0.88	1.04	1.23	1.72	0.56	0.90	1.03	1.17	1.54	0.61	0.90	1.02	1.15	1.46
OVERALL(>= 750 CASES)	2684	0.73	0.91	0.99	1.09	1.35	0.79	0.94	1.01	1.09	1.28	0.82	0.94	1.01	1.08	1.24
CONDITIONS																
AMI	1405	0.54	0.80	0.95	1.11	1.42	0.62	0.86	0.99	1.14	1.44	0.63	0.86	0.99	1.13	1.39
CHF	2335	0.43	0.79	0.98	1.17	1.64	0.60	0.85	0.99	1.13	1.49	0.66	0.89	1.00	1.13	1.41
PNEUMONIA/INFLUENZA	2428	0.41	0.78	0.97	1.18	1.68	0.53	0.84	1.00	1.17	1.55	0.57	0.86	1.01	1.16	1.50
COPD	435	0.00	0.63	0.97	1.34	2.06	0.30	0.78	1.02	1.26	1.74	0.40	0.82	1.01	1.24	1.69
TRANS. CEREBRAL ISCHEMIA	404	0.00	0.00	0.83	1.34	3.20	0.00	0.48	0.85	1.31	2.27	0.21	0.60	0.90	1.21	2.05
STROKE	1789	0.53	0.79	0.95	1.13	1.56	0.61	0.84	0.98	1.13	1.47	0.65	0.87	0.99	1.12	1.42
HIP FRACTURE	1199	0.21	0.67	0.93	1.27	2.10	0.40	0.76	0.94	1.19	1.80	0.47	0.78	0.97	1.16	1.64
SEPSIS	254	0.51	0.79	0.96	1.12	1.50	0.65	0.86	0.99	1.13	1.47	0.69	0.89	1.01	1.15	1.44
PROCEDURES																
ANGIOPLASTY	425	0.00	0.49	0.89	1.33	2.66	0.00	0.60	0.93	1.36	2.34	0.00	0.63	0.97	1.34	2.14
CABG	556	0.20	0.68	1.03	1.39	2.45	0.28	0.73	1.00	1.32	2.09	0.28	0.73	1.01	1.30	2.10
PACEMAKER	112	0.00	0.41	0.72	1.37	3.25	0.20	0.61	0.90	1.21	2.17	0.21	0.65	0.84	1.16	1.87
CAROTID ENDARTERECTOMY	73	0.00	0.00	0.85	1.33	2.90	0.00	0.14	0.74	1.28	2.43	0.00	0.42	0.86	1.38	2.86
HIP REPLACEMENT	763	0.00	0.53	0.94	1.44	2.77	0.19	0.67	0.96	1.31	2.12	0.26	0.71	0.94	1.26	1.91
REDUCT. OF HIP FRACTURE	276	0.00	0.56	0.86	1.22	2.05	0.31	0.68	0.92	1.19	1.76	0.38	0.77	0.96	1.12	1.58
PROSTATECTOMY	1576	0.00	0.00	0.73	1.57	3.56	0.00	0.49	0.91	1.40	2.63	0.00	0.57	0.92	1.29	2.21
CHOLECYSTECTOMY	714	0.00	0.49	0.95	1.54	2.68	0.00	0.62	0.93	1.37	2.22	0.22	0.67	0.98	1.27	1.93
HYSTERECTOMY	113	0.00	0.00	0.00	2.00	6.69	0.00	0.00	0.76	1.70	3.59	0.00	0.24	0.75	1.27	2.91

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1989

	NUMBER OF	30 DAYS					90 DAYS					180 DAYS				
CONDITIONS/PROCEDURES	HOSPITALS	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2746	0.50	0.87	1.04	1.23	1.73	0.58	0.89	1.03	1.17	1.54	0.61	0.89	1.01	1.14	1.44
OVERALL(>= 750 CASES)	2669	0.71	0.90	1.00	1.09	1.35	0.79	0.94	1.01	1.08	1.28	0.82	0.95	1.01	1.07	1.24
CONDITIONS																
AMI	1412	0.53	0.81	0.96	1.12	1.47	0.59	0.86	1.01	1.15	1.47	0.63	0.87	1.00	1.14	1.43
CHF	2293	0.47	0.80	0.97	1.18	1.69	0.58	0.86	1.00	1.14	1.48	0.66	0.89	1.02	1.14	1.40
PNEUMONIA/INFLUENZA	2179	0.45	0.77	0.97	1.19	1.67	0.54	0.85	1.01	1.18	1.55	0.60	0.86	1.02	1.18	1.51
COPD	324	0.21	0.68	0.99	1.32	2.13	0.44	0.78	1.04	1.27	1.91	0.49	0.84	1.04	1.24	1.66
TRANS. CEREBRAL ISCHEMIA	420	0.00	0.00	0.79	1.41	3.26	0.00	0.46	0.88	1.33	2.36	0.18	0.60	0.92	1.25	1.97
STROKE	1728	0.53	0.80	0.95	1.12	1.56	0.62	0.85	0.97	1.11	1.46	0.67	0.88	0.99	1.13	1.40
HIP FRACTURE	1126	0.24	0.67	0.95	1.30	2.04	0.39	0.75	0.98	1.21	1.71	0.46	0.78	0.97	1.18	1.59
SEPSIS	174	0.52	0.79	0.94	1.10	1.52	0.63	0.88	1.02	1.15	1.46	0.68	0.93	1.05	1.16	1.43
PROCEDURES																
ANGIOPLASTY	370	0.00	0.46	0.84	1.35	2.55	0.00	0.55	0.88	1.33	2.52	0.00	0.61	0.94	1.32	2.44
CABG	501	0.21	0.65	1.00	1.47	2.57	0.23	0.69	1.00	1.33	2.29	0.32	0.74	1.01	1.33	2.21
PACEMAKER	91	0.00	0.52	0.74	1.12	2.31	0.00	0.56	0.83	1.15	2.14	0.20	0.68	0.81	1.16	1.87
CAROTID ENDARTERECTOMY	55	0.00	0.00	0.82	1.51	5.01	0.00	0.47	0.86	1.31	4.00	0.00	0.43	0.85	1.28	3.12
HIP REPLACEMENT	686	0.00	0.52	0.92	1.44	2.46	0.00	0.65	0.94	1.27	1.95	0.21	0.67	0.94	1.19	1.75
REDUCT. OF HIP FRACTURE	246	0.19	0.57	0.91	1.23	1.96	0.31	0.71	0.96	1.19	1.74	0.41	0.78	0.96	1.13	1.53
PROSTATECTOMY	1570	0.00	0.00	0.67	1.50	3.46	0.00	0.47	0.86	1.36	2.67	0.00	0.58	0.93	1.28	2.15
CHOLECYSTECTOMY	680	0.00	0.53	0.94	1.53	2.90	0.00	0.62	0.97	1.36	2.15	0.22	0.66	0.95	1.26	1.98
HYSTERECTOMY	101	0.00	0.00	0.00	1.80	5.44	0.00	0.00	0.78	1.60	4.21	0.00	0.00	0.91	1.38	2.99

TABLE 4
SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
1990 STUDY, FY1988

CONDITIONS/PROCEDURES	NUMBER OF HOSPITALS	30 DAYS					90 DAYS					180 DAYS				
		2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%	2.5%	25%	50%	75%	97.5%
OVERALL(< 750 CASES)	2838	0.46	0.89	1.05	1.23	1.75	0.54	0.90	1.03	1.16	1.57	0.59	0.90	1.02	1.14	1.45
OVERALL(>= 750 CASES)	2693	0.73	0.90	1.00	1.10	1.35	0.79	0.94	1.01	1.09	1.27	0.82	0.95	1.01	1.08	1.24
CONDITIONS																
AMI	1414	0.56	0.82	0.96	1.12	1.41	0.63	0.87	1.01	1.14	1.42	0.65	0.89	1.00	1.13	1.39
CHF	2246	0.45	0.79	0.97	1.18	1.61	0.60	0.86	1.00	1.14	1.43	0.68	0.90	1.02	1.13	1.37
PNEUMONIA/INFLUENZA	2069	0.44	0.79	0.97	1.17	1.68	0.57	0.85	1.01	1.17	1.59	0.61	0.87	1.01	1.16	1.53
COPD	310	0.21	0.67	0.92	1.30	2.17	0.39	0.79	0.98	1.20	1.81	0.51	0.82	0.99	1.19	1.59
TRANS. CEREBRAL ISCHEMIA	495	0.00	0.00	0.84	1.48	2.94	0.00	0.48	0.92	1.39	2.28	0.21	0.60	0.92	1.27	1.92
STROKE	1726	0.51	0.79	0.95	1.12	1.56	0.60	0.84	0.98	1.13	1.44	0.64	0.88	1.00	1.13	1.42
HIP FRACTURE	1119	0.24	0.65	0.96	1.27	2.07	0.40	0.78	0.98	1.21	1.77	0.47	0.80	0.98	1.17	1.64
SEPSIS	133	0.58	0.77	0.92	1.08	1.64	0.56	0.86	1.00	1.13	1.54	0.67	0.88	1.02	1.14	1.53
PROCEDURES																
ANGIOPLASTY	297	0.00	0.50	0.87	1.35	2.60	0.00	0.59	0.91	1.34	2.50	0.00	0.65	0.95	1.31	2.25
CABG	478	0.21	0.68	0.98	1.39	2.40	0.32	0.73	1.00	1.36	2.12	0.38	0.75	1.01	1.31	2.04
PACEMAKER	83	0.00	0.34	0.65	1.04	1.75	0.01	0.54	0.85	1.03	1.70	0.23	0.69	0.87	1.10	1.57
CAROTID ENDARTERECTOMY	69	0.00	0.00	0.60	1.23	3.30	0.00	0.33	0.62	1.09	2.50	0.00	0.44	0.68	1.16	1.87
HIP REPLACEMENT	670	0.00	0.49	0.95	1.40	2.65	0.00	0.66	1.01	1.31	2.15	0.24	0.70	0.96	1.24	1.87
REDUCT. OF HIP FRACTURE	259	0.00	0.61	0.91	1.26	2.16	0.38	0.74	0.96	1.21	1.94	0.44	0.77	0.96	1.16	1.79
PROSTATECTOMY	1619	0.00	0.00	0.78	1.53	3.69	0.00	0.54	0.92	1.39	2.57	0.00	0.61	0.93	1.30	2.21
CHOLECYSTECTOMY	642	0.00	0.50	0.96	1.44	3.04	0.00	0.61	0.96	1.36	2.26	0.25	0.66	0.96	1.27	2.01
HYSTERECTOMY	90	0.00	0.00	0.00	1.57	5.00	0.00	0.00	0.68	1.43	2.83	0.00	0.28	0.67	1.15	2.88

TABLE 5: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate)

	99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
p **n**	**1%**	**5%**	**10%**	**20%**	**40%**	**1%**	**5%**	**10%**	**20%**	**40%**	**1%**	**5%**	**10%**	**20%**	**40%**
25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15

	Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p **n**	**1%**	**5%**	**10%**	**20%**	**40%**	**1%**	**5%**	**10%**	**20%**	**40%**	**1%**	**5%**	**10%**	**20%**	**40%**
25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15

Medicare
Hospital
Information

ABINGTON MEMORIAL HOSPITAL

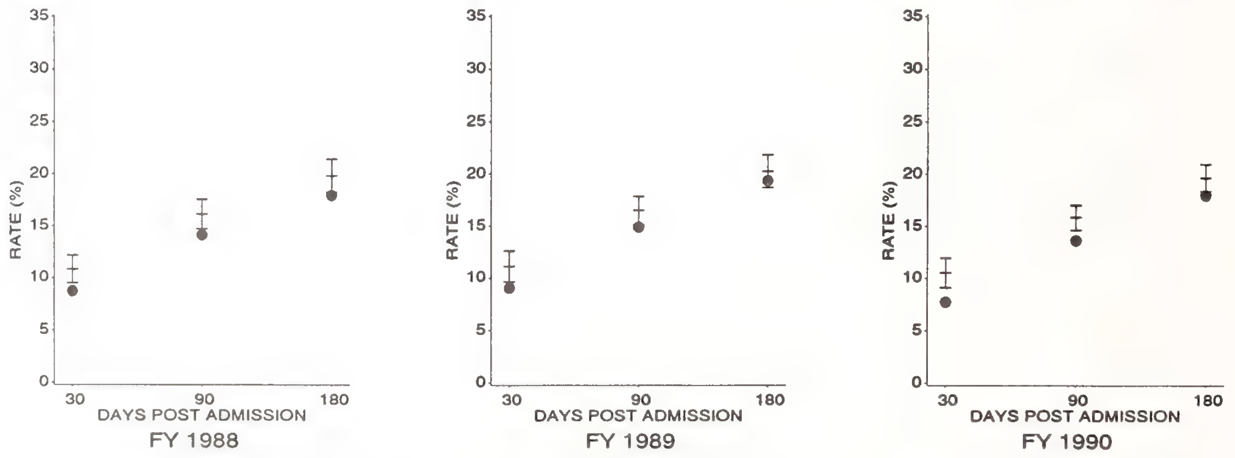
1200 OLD YORK RD
ABINGTON, PA 19001
Medicare Provider Number: 390231

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	4046	7.7	10.5	0.7	13.6	15.8	0.6	17.9	19.6	0.6
CONDITIONS:										
Acute Myocardial Infarction	156	17.3	28.5	5.0	25.0	31.3	4.1	28.8	34.0	4.1
Congestive Heart Failure	196	10.7	16.8	4.5	23.0	26.2	3.9	30.1	32.5	3.7
Pneumonia/Influenza	131	17.6	19.1	5.6	21.4	25.7	5.7	29.0	30.1	6.3
Chronic Obstructive Pulmonary Disease	59	6.8	10.2	6.3	15.3	17.4	8.2	22.0	22.7	7.4
Transient Cerebral Ischemia	39	0.0	2.2	-----	0.0	5.1	-----	0.0	8.1	-----
Stroke	203	14.3	22.7	4.5	21.7	29.8	4.7	25.6	33.8	4.6
Hip Fracture	138	4.3	8.3	4.0	11.6	14.8	5.1	17.4	19.2	4.9
Sepsis	55	14.5	24.9	8.6	27.3	32.6	7.8	29.1	37.2	8.8
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	0.0	3.5	-----	0.0	6.1	-----	5.6	8.3	-----
Carotid Endarterectomy	7	0.0	1.3	-----	0.0	2.5	-----	0.0	3.9	-----
Hip Replacement/Reconstruction	60	3.3	3.4	2.8	3.3	6.2	4.6	5.0	8.3	6.0
Open Reduction of Hip Fracture	79	1.3	7.6	4.6	12.7	14.1	7.4	19.0	18.7	6.9
Prostatectomy	190	0.5	0.9	0.8	1.6	2.0	1.1	3.2	3.2	1.3
Cholecystectomy	68	0.0	3.2	3.2	1.5	5.6	4.2	4.4	7.0	3.9
Hysterectomy	41	0.0	0.5	-----	0.0	1.3	-----	2.4	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ABINGTON MEMORIAL HOSPITAL
Medicare Provider Number: 390231

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.0 years	Cancer	9.1 %
Proportion female	56.5 %	Chronic cardiovascular disease	41.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	33.2 %	Chronic renal disease	3.6 %
Transferred from skilled nursing facility	5.9 %	Chronic pulmonary disease	11.7 %
Admitted for elective procedure	20.7 %	Cerebrovascular degeneration	4.3 %
Admitted for emergency	63.0 %	Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	68.3%	Hospital	9.9 Days
State	29.0%	State	9.2 Days
Outside State	2.7%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	465	Burn Unit	No
Occupancy Rate	80.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	54.5 %	Hospice Care	Yes
Case Mix Index (CMI)	1.3023	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	389	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	69.7 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	71	Alcohol/Drug	No
Registered Nurses	639	Rehabilitation	Yes
Licensed Practical Nurses	97	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ALBERT EINSTEIN MEDICAL CENTER

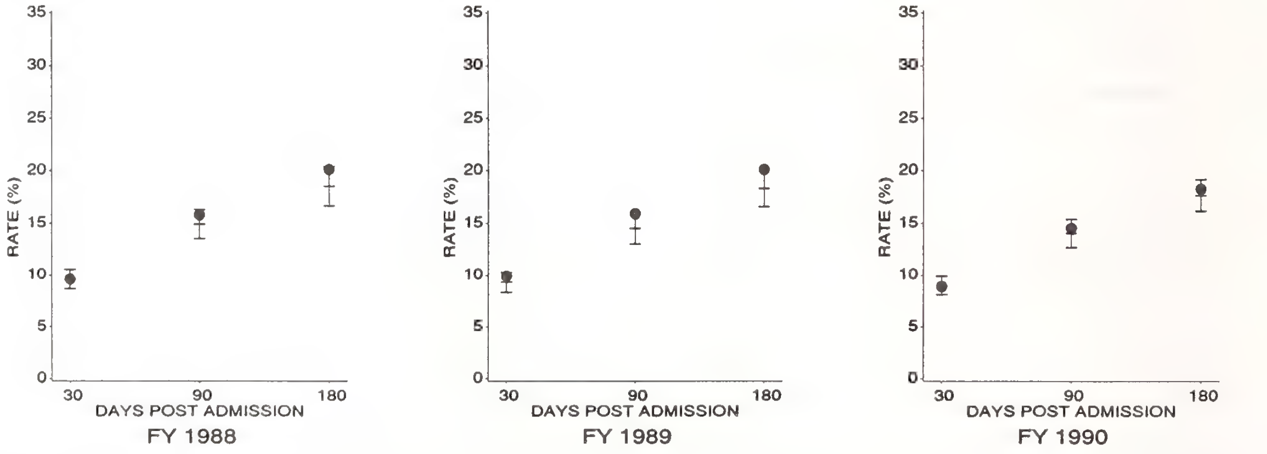
YORK & TABOR RDS
PHILADELPHIA, PA 19141
Medicare Provider Number: 390142

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	4163	8.9	9.0	0.5	14.5	14.0	0.7	18.2	17.6	0.8
CONDITIONS:										
Acute Myocardial Infarction	169	17.2	23.2	4.1	18.9	27.0	4.4	20.7	29.8	4.7
Congestive Heart Failure	187	10.7	15.3	5.1	21.4	24.8	4.9	28.3	31.4	4.3
Pneumonia/Influenza	129	19.4	20.5	4.0	28.7	27.8	6.0	33.3	32.1	4.6
Chronic Obstructive Pulmonary Disease	28	25.0	9.5	-----	28.6	15.5	-----	28.6	19.9	-----
Transient Cerebral Ischemia	53	0.0	1.7	2.5	1.9	4.0	3.3	3.8	6.6	4.2
Stroke	137	17.5	19.7	3.6	26.3	26.7	4.2	38.0	30.7	7.4
Hip Fracture	107	9.3	7.4	4.3	21.5	13.2	6.2	25.2	17.4	6.6
Sepsis	30	33.3	28.9	-----	36.7	39.2	-----	53.3	45.5	-----
PROCEDURES:										
Angioplasty	202	3.5	2.9	1.3	5.9	3.9	1.9	7.9	5.0	2.3
Coronary Artery Bypass Graft	190	2.1	5.4	2.8	5.3	7.9	3.3	6.3	9.1	3.6
Initial Pacemaker Insertion	30	3.3	3.6	-----	16.7	7.4	-----	30.0	11.0	-----
Carotid Endarterectomy	1	0.0	1.7	-----	0.0	3.0	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	62	1.6	3.6	5.5	12.9	6.7	6.2	12.9	9.2	6.5
Open Reduction of Hip Fracture	60	8.3	6.6	6.0	15.0	12.1	8.2	20.0	16.1	8.4
Prostatectomy	202	0.0	0.8	1.1	2.0	1.9	1.1	4.0	3.3	1.9
Cholecystectomy	38	5.3	3.3	-----	7.9	6.0	-----	7.9	7.8	-----
Hysterectomy	19	0.0	0.5	-----	0.0	1.0	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ALBERT EINSTEIN MEDICAL CENTER

Medicare Provider Number: 390142

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.2 years
Proportion female	51.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	66.3 %
Transferred from skilled nursing facility	6.1 %
Admitted for elective procedure	33.5 %
Admitted for emergency	64.5 %

COMORBIDITIES:

Cancer	7.9 %
Chronic cardiovascular disease	41.2 %
Chronic liver disease	0.8 %
Chronic renal disease	7.1 %
Chronic pulmonary disease	10.0 %
Cerebrovascular degeneration	5.3 %
Diabetes mellitus	9.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	81.7%
State	13.8%
Outside State	4.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	618
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.2 %
Case Mix Index (CMI)	1.6403

STAFFING:

Total Number of Physicians	758
Percent of Physicians Board Certified Specialists	72.2 %
Medical Residents/Interns	220
Registered Nurses	673
Licensed Practical Nurses	83

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

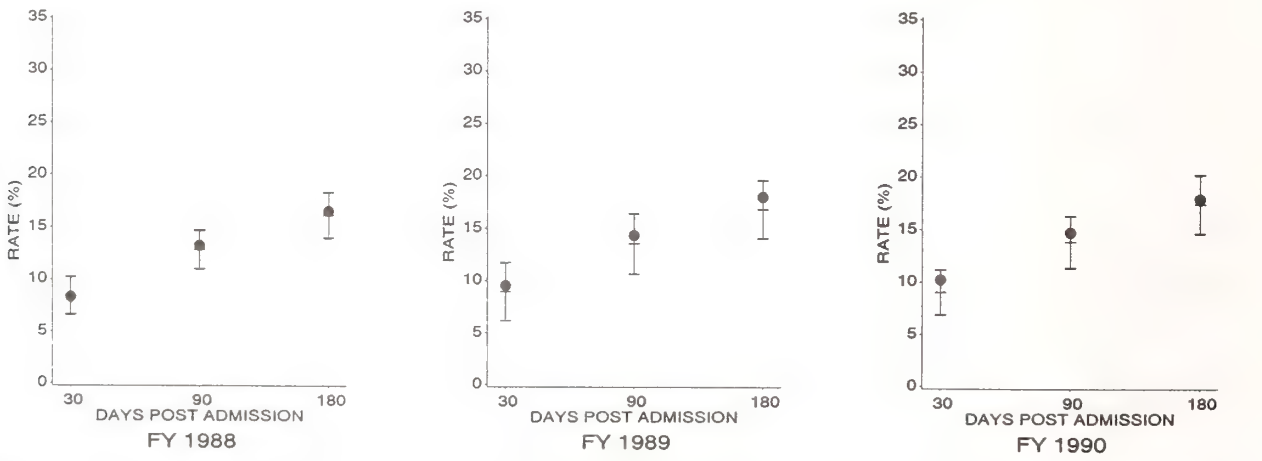
ALIQUIPPA HOSPITAL
2500 HOSPITAL DRIVE
ALIQUIPPA, PA 15001
Medicare Provider Number: 390176

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1369	10.2	9.0	1.1	14.7	13.8	1.2	17.9	17.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	36	13.9	21.0	-----	16.7	24.2	-----	16.7	27.0	-----
Congestive Heart Failure	109	14.7	14.2	3.8	17.4	22.9	5.2	23.9	29.2	5.4
Pneumonia/Influenza	69	13.0	13.7	5.4	15.9	19.0	6.6	20.3	22.7	7.8
Chronic Obstructive Pulmonary Disease	19	10.5	7.6	-----	15.8	13.0	-----	15.8	17.3	-----
Transient Cerebral Ischemia	26	3.8	2.1	-----	11.5	5.1	-----	15.4	8.4	-----
Stroke	60	18.3	17.9	6.0	23.3	24.8	5.7	31.7	28.7	6.6
Hip Fracture	16	12.5	5.5	-----	18.8	10.0	-----	18.8	13.3	-----
Sepsis	11	18.2	28.6	-----	27.3	35.4	-----	36.4	40.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.4	-----	0.0	4.9	-----	0.0	7.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	18.2	2.5	-----	18.2	4.7	-----	18.2	6.4	-----
Open Reduction of Hip Fracture	9	0.0	5.2	-----	11.1	9.7	-----	11.1	13.1	-----
Prostatectomy	42	0.0	1.2	-----	0.0	2.9	-----	2.4	4.6	-----
Cholecystectomy	14	0.0	2.3	-----	0.0	4.5	-----	0.0	6.5	-----
Hysterectomy	4	0.0	0.3	-----	0.0	0.9	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ALIQUIPPA HOSPITAL

Medicare Provider Number: 390176

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.1 years
Proportion female	52.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	72.5 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	7.4 %
Admitted for emergency	0.1 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	40.3 %
Chronic liver disease	1.5 %
Chronic renal disease	4.2 %
Chronic pulmonary disease	15.0 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	13.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.5%
State	10.1%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	158
Occupancy Rate	44.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	54.1 %
Case Mix Index (CMI)	1.1659

STAFFING:

Total Number of Physicians	49
Percent of Physicians Board Certified Specialists	67.3 %
Medical Residents/Interns	0
Registered Nurses	132
Licensed Practical Nurses	46

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ALLEGHENY GENERAL HOSPITAL

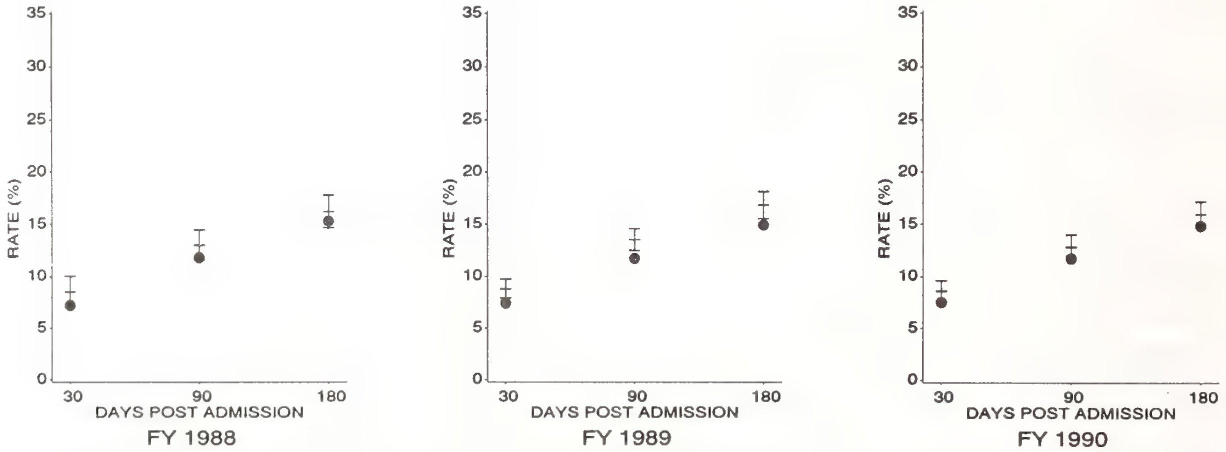
320 E NORTH AVE
PITTSBURGH, PA 15212
Medicare Provider Number: 390050

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	5433	7.5	8.6	0.5	11.7	12.8	0.6	14.8	15.9	0.6
CONDITIONS:										
Acute Myocardial Infarction	162	27.8	25.3	3.7	32.1	28.7	4.2	37.0	31.4	5.0
Congestive Heart Failure	166	12.7	14.3	3.2	18.7	22.9	5.2	22.9	29.2	6.5
Pneumonia/Influenza	60	11.7	16.0	6.7	15.0	22.7	9.8	16.7	26.8	11.5
Chronic Obstructive Pulmonary Disease	36	2.8	11.0	-----	16.7	18.6	-----	25.0	24.0	-----
Transient Cerebral Ischemia	52	1.9	1.7	1.8	1.9	3.6	2.9	3.8	5.5	3.6
Stroke	146	24.7	27.5	4.1	34.2	33.2	3.9	36.3	36.4	4.1
Hip Fracture	35	5.7	6.0	-----	14.3	10.6	-----	17.1	13.7	-----
Sepsis	18	33.3	25.0	-----	50.0	36.6	-----	50.0	42.5	-----
PROCEDURES:										
Angioplasty	301	2.3	2.3	1.0	2.7	3.2	1.2	4.3	4.2	1.2
Coronary Artery Bypass Graft	320	5.9	6.1	1.6	8.1	8.9	1.7	10.0	10.2	1.7
Initial Pacemaker Insertion	64	6.3	4.1	3.2	7.8	7.7	3.4	9.4	11.0	4.6
Carotid Endarterectomy	29	0.0	1.6	-----	0.0	2.8	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	53	1.9	1.2	3.6	5.7	2.2	3.4	5.7	3.0	3.2
Open Reduction of Hip Fracture	21	4.8	5.6	-----	9.5	10.1	-----	9.5	13.3	-----
Prostatectomy	76	2.6	1.0	1.8	2.6	2.3	1.8	2.6	3.8	2.7
Cholecystectomy	74	4.1	4.9	3.3	8.1	8.4	3.6	12.2	11.0	3.8
Hysterectomy	19	5.3	1.7	-----	5.3	3.2	-----	5.3	4.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ALLEGHENY GENERAL HOSPITAL

Medicare Provider Number: 390050

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	70.5 years
Proportion female	48.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	35.3 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	31.3 %
Admitted for emergency	28.1 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	44.2 %
Chronic liver disease	1.1 %
Chronic renal disease	4.0 %
Chronic pulmonary disease	11.8 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	5.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	45.1%
State	47.8%
Outside State	7.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	724
Occupancy Rate	81.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.9 %
Case Mix Index (CMI)	1.8058

STAFFING:

Total Number of Physicians	320
Percent of Physicians Board Certified Specialists	87.8 %
Medical Residents/Interns	173
Registered Nurses	1131
Licensed Practical Nurses	95

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ALLEGHENY VALLEY HOSPITAL

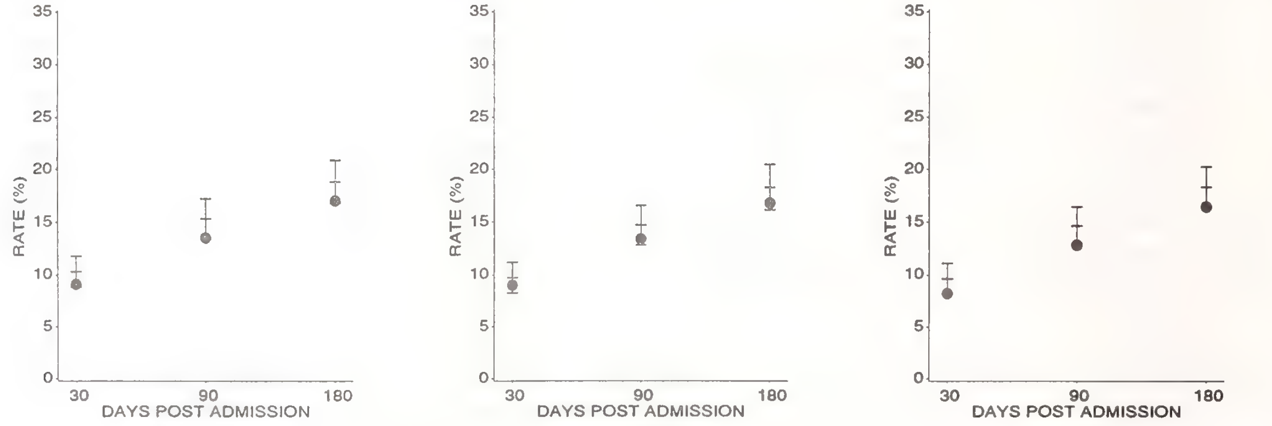
1301 CARLISLE ST
NATRONA HEIGHTS, PA 15065
Medicare Provider Number: 390032

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2888	8.2	9.6	0.7	12.8	14.6	0.9	16.4	18.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	93	21.5	27.2	6.6	24.7	30.1	7.0	25.8	32.7	8.1
Congestive Heart Failure	183	14.8	15.0	2.7	21.3	23.7	4.0	31.1	30.0	4.8
Pneumonia/Influenza	161	16.1	17.3	3.8	22.4	23.7	4.1	25.5	27.8	4.7
Chronic Obstructive Pulmonary Disease	42	4.8	7.4	-----	4.8	13.1	-----	7.1	17.6	-----
Transient Cerebral Ischemia	64	1.6	1.9	2.1	3.1	4.4	3.1	4.7	7.0	4.1
Stroke	106	19.8	18.4	3.9	24.5	24.5	4.2	26.4	28.2	4.6
Hip Fracture	69	5.8	6.7	3.2	10.1	11.9	4.2	13.0	15.4	4.9
Sepsis	62	17.7	35.2	9.1	33.9	42.9	7.2	38.7	47.9	7.2
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	29	0.0	4.8	-----	6.9	9.1	-----	10.3	12.9	-----
Carotid Endarterectomy	9	0.0	1.7	-----	0.0	3.4	-----	0.0	5.3	-----
Hip Replacement/Reconstruction	50	2.0	4.3	-----	4.0	8.5	-----	4.0	11.6	-----
Open Reduction of Hip Fracture	43	7.0	5.3	-----	14.0	9.7	-----	16.3	12.9	-----
Prostatectomy	76	0.0	1.1	1.6	2.6	2.6	2.1	2.6	4.5	2.9
Cholecystectomy	51	0.0	2.7	3.4	0.0	4.5	5.0	0.0	6.0	6.2
Hysterectomy	21	0.0	0.2	-----	0.0	0.6	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ALLEGHENY VALLEY HOSPITAL

Medicare Provider Number: 390032

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	56.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	31.1 %
Transferred from skilled nursing facility	5.9 %
Admitted for elective procedure	6.3 %
Admitted for emergency	23.1 %

COMORBIDITIES:

Cancer	9.0 %
Chronic cardiovascular disease	38.4 %
Chronic liver disease	0.9 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	15.3 %
Cerebrovascular degeneration	4.4 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	41.3%
State	57.7%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	270
Occupancy Rate	78.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	49.1 %
Case Mix Index (CMI)	1.2223

STAFFING:

Total Number of Physicians	129
Percent of Physicians Board Certified Specialists	82.2 %
Medical Residents/Interns	0
Registered Nurses	230
Licensed Practical Nurses	33

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ALLENTOWN HOSPITAL

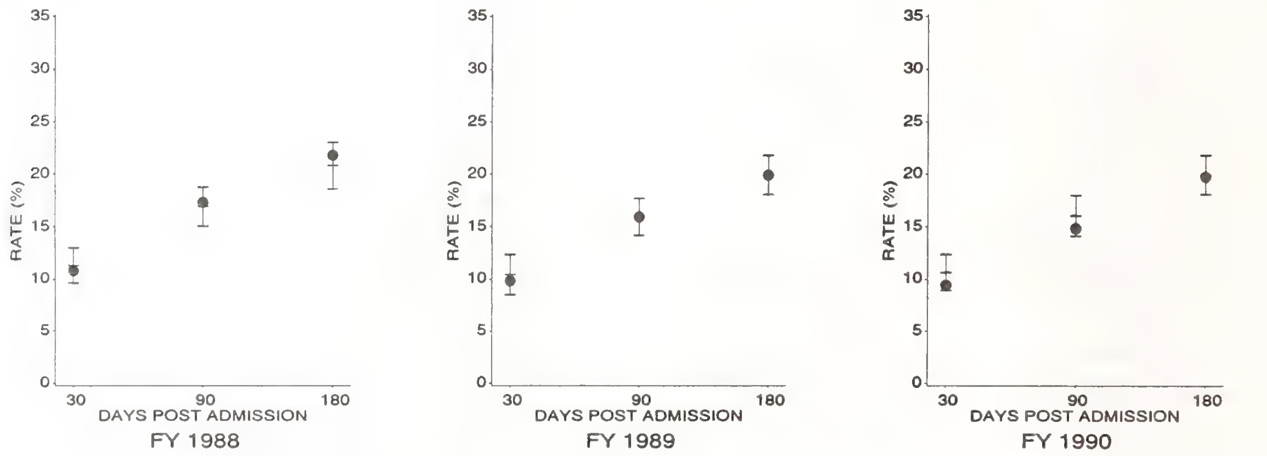
17TH & CHEW STS
ALLENTOWN, PA 18102
Medicare Provider Number: 390133

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1930	9.4	10.6	0.9	14.8	16.0	1.0	19.7	19.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	77	24.7	28.1	6.2	27.3	31.6	6.7	28.6	34.6	7.6
Congestive Heart Failure	101	17.8	14.7	4.4	25.7	22.8	5.3	30.7	28.9	5.7
Pneumonia/Influenza	67	19.4	17.9	5.7	20.9	24.5	5.8	26.9	28.5	5.7
Chronic Obstructive Pulmonary Disease	22	13.6	7.9	-----	22.7	13.6	-----	22.7	18.3	-----
Transient Cerebral Ischemia	19	0.0	2.8	-----	0.0	6.2	-----	0.0	9.6	-----
Stroke	65	20.0	20.4	6.3	24.6	27.9	6.5	36.9	31.7	7.9
Hip Fracture	53	1.9	6.4	5.1	9.4	11.3	4.7	17.0	14.6	5.3
Sepsis	42	28.6	25.1	-----	33.3	31.9	-----	33.3	36.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.8	-----	0.0	5.4	-----	0.0	7.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	2.9	3.6	-----	11.8	6.6	-----	17.6	8.7	-----
Open Reduction of Hip Fracture	33	0.0	6.0	-----	6.1	10.9	-----	18.2	14.3	-----
Prostatectomy	43	2.3	1.8	-----	7.0	4.0	-----	9.3	6.3	-----
Cholecystectomy	19	0.0	2.2	-----	0.0	3.9	-----	0.0	5.0	-----
Hysterectomy	75	1.3	1.1	1.5	1.3	2.5	1.9	4.0	4.0	2.5

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ALLENTOWN HOSPITAL

Medicare Provider Number: 390133

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.4 years
Proportion female	61.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.7 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	18.6 %
Admitted for emergency	71.8 %

COMORBIDITIES:

Cancer	9.8 %
Chronic cardiovascular disease	36.7 %
Chronic liver disease	0.9 %
Chronic renal disease	12.6 %
Chronic pulmonary disease	11.6 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	11.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	70.9%
State	26.4%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	823
Occupancy Rate	86.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.4 %
Case Mix Index (CMI)	1.3367

STAFFING:

Total Number of Physicians	386
Percent of Physicians Board Certified Specialists	91.5 %
Medical Residents/Interns	73
Registered Nurses	1349
Licensed Practical Nurses	83

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

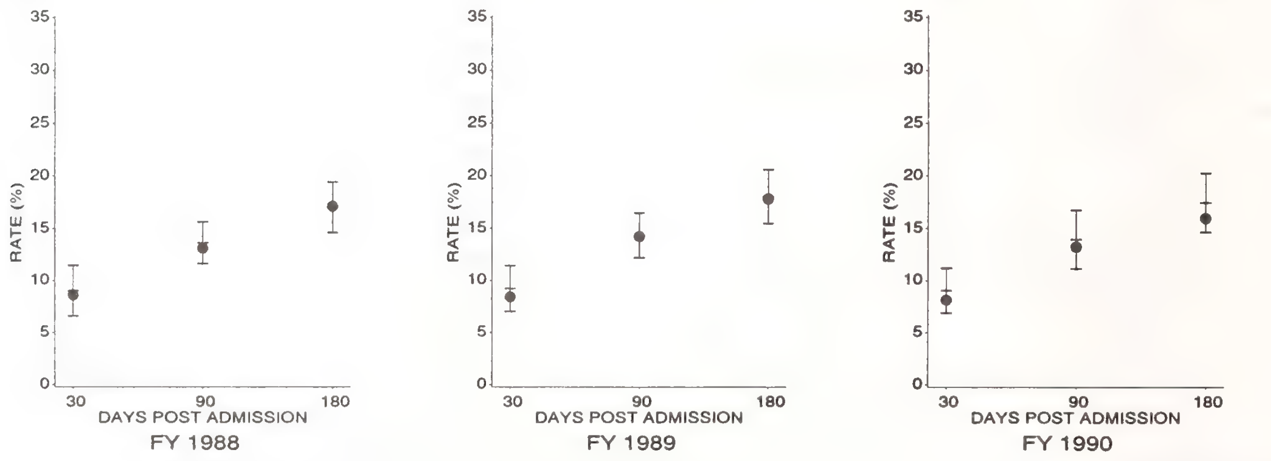
ALLENTOWN OSTEOPATHIC HOSPITAL
1736 HAMILTON ST
ALLENTOWN, PA 18104
Medicare Provider Number: 390242

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1249	8.1	9.0	1.1	13.2	13.9	1.4	15.9	17.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	31	19.4	25.9	-----	22.6	28.4	-----	22.6	31.1	-----
Congestive Heart Failure	57	12.3	14.1	5.0	15.8	22.5	7.5	21.1	28.8	9.4
Pneumonia/Influenza	41	7.3	14.1	-----	17.1	18.9	-----	19.5	22.3	-----
Chronic Obstructive Pulmonary Disease	27	7.4	10.0	-----	14.8	17.0	-----	18.5	21.7	-----
Transient Cerebral Ischemia	28	0.0	1.6	-----	3.6	3.9	-----	3.6	6.6	-----
Stroke	45	24.4	19.5	-----	26.7	27.1	-----	26.7	31.2	-----
Hip Fracture	35	11.4	5.7	-----	14.3	10.2	-----	14.3	13.4	-----
Sepsis	21	28.6	25.2	-----	38.1	35.3	-----	38.1	40.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.4	-----	0.0	4.6	-----	0.0	6.7	-----
Carotid Endarterectomy	8	0.0	1.2	-----	12.5	2.4	-----	12.5	3.9	-----
Hip Replacement/Reconstruction	25	12.0	4.3	-----	20.0	8.0	-----	20.0	11.0	-----
Open Reduction of Hip Fracture	14	7.1	4.6	-----	7.1	8.2	-----	7.1	10.7	-----
Prostatectomy	51	0.0	1.4	4.0	5.9	3.5	3.7	5.9	5.8	5.3
Cholecystectomy	29	3.4	2.6	-----	3.4	5.1	-----	3.4	6.9	-----
Hysterectomy	6	0.0	0.7	-----	0.0	1.7	-----	0.0	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ALLENTOWN OSTEOPATHIC HOSPITAL

Medicare Provider Number: 390242

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.5 years	Cancer	6.2 %
Proportion female	56.4 %	Chronic cardiovascular disease	35.1 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.0 %
Referred by personal or HMO physician	35.0 %	Chronic renal disease	3.8 %
Transferred from skilled nursing facility	2.3 %	Chronic pulmonary disease	15.3 %
Admitted for elective procedure	11.5 %	Cerebrovascular degeneration	5.2 %
Admitted for emergency	73.9 %	Diabetes mellitus	15.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	76.4%	Hospital	9.0 Days
State	22.3%	State	9.2 Days
Outside State	1.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	150	Burn Unit	No
Occupancy Rate	72.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	(Not Available)	Hospice Care	No
Case Mix Index (CMI)	1.2223	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	(Not Available)	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	(Not Available)	Trauma Center	No
Medical Residents/Interns	(Not Available)	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	(Not Available)	Alcohol/Drug	No
Licensed Practical Nurses	(Not Available)	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

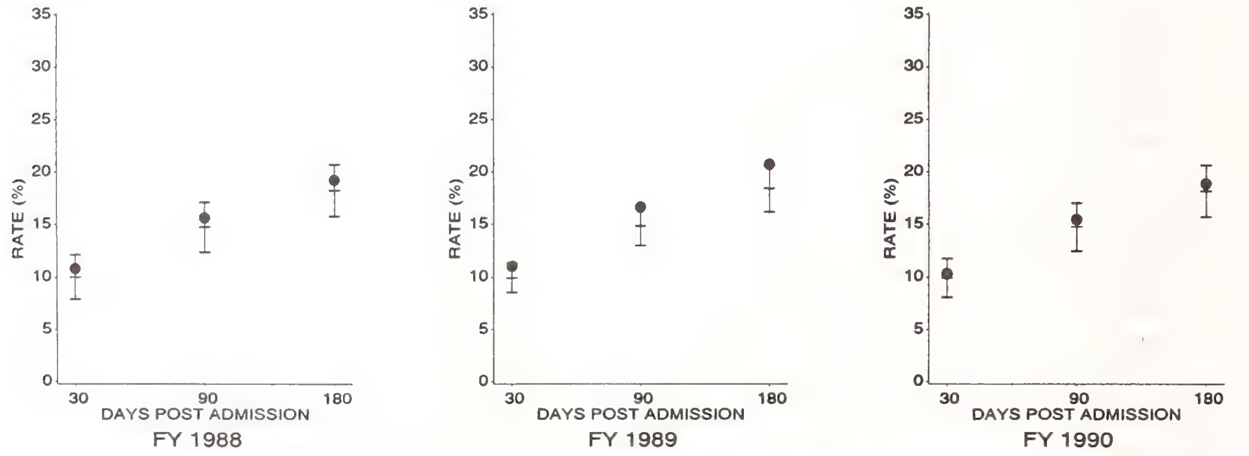
ALTOONA HOSPITAL
620 HOWARD AVENUE
ALTOONA, PA 16601
Medicare Provider Number: 390073

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3092	10.3	9.9	0.9	15.4	14.7	1.1	18.8	18.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	153	20.9	28.5	4.1	30.7	31.7	3.8	32.7	34.5	3.9
Congestive Heart Failure	183	23.5	15.4	4.2	34.4	24.6	4.8	38.3	31.0	4.4
Pneumonia/Influenza	98	22.4	18.5	5.1	30.6	24.8	6.2	33.7	28.8	5.6
Chronic Obstructive Pulmonary Disease	63	9.5	7.9	6.1	12.7	13.4	4.3	17.5	17.5	7.1
Transient Cerebral Ischemia	51	2.0	1.9	2.1	5.9	4.1	3.1	5.9	6.5	3.6
Stroke	122	18.0	20.5	5.2	20.5	26.6	6.7	23.0	30.2	7.4
Hip Fracture	93	12.9	7.5	4.0	17.2	13.3	3.9	19.4	17.4	4.0
Sepsis	42	16.7	24.6	-----	28.6	31.4	-----	31.0	35.9	-----
PROCEDURES:										
Angioplasty	2	0.0	3.8	-----	0.0	4.3	-----	0.0	5.0	-----
Coronary Artery Bypass Graft	96	0.0	4.9	-----	0.0	7.2	-----	0.0	8.4	-----
Initial Pacemaker Insertion	25	8.0	3.4	-----	12.0	6.8	-----	12.0	10.0	-----
Carotid Endarterectomy	20	10.0	1.2	-----	10.0	2.2	-----	10.0	3.0	-----
Hip Replacement/Reconstruction	58	8.6	4.8	4.1	12.1	8.8	4.3	12.1	11.7	5.2
Open Reduction of Hip Fracture	43	11.6	7.5	-----	18.6	13.8	-----	23.3	18.4	-----
Prostatectomy	87	1.1	1.7	1.7	1.1	3.9	3.0	4.6	6.3	2.9
Cholecystectomy	78	3.8	2.8	2.2	9.0	5.1	3.7	10.3	6.5	4.3
Hysterectomy	27	0.0	0.7	-----	0.0	1.7	-----	3.7	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ALTOONA HOSPITAL

Medicare Provider Number: 390073

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	56.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.0 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	19.0 %
Admitted for emergency	74.3 %

COMORBIDITIES:

Cancer	8.9 %
Chronic cardiovascular disease	45.8 %
Chronic liver disease	0.9 %
Chronic renal disease	4.6 %
Chronic pulmonary disease	15.7 %
Cerebrovascular degeneration	4.3 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	73.3%
State	25.7%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	316
Occupancy Rate	67.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.4 %
Case Mix Index (CMI)	1.4213

STAFFING:

Total Number of Physicians	132
Percent of Physicians Board Certified Specialists	76.5 %
Medical Residents/Interns	15
Registered Nurses	327
Licensed Practical Nurses	70

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

AMERICAN ONCOLOGIC HOSPITAL

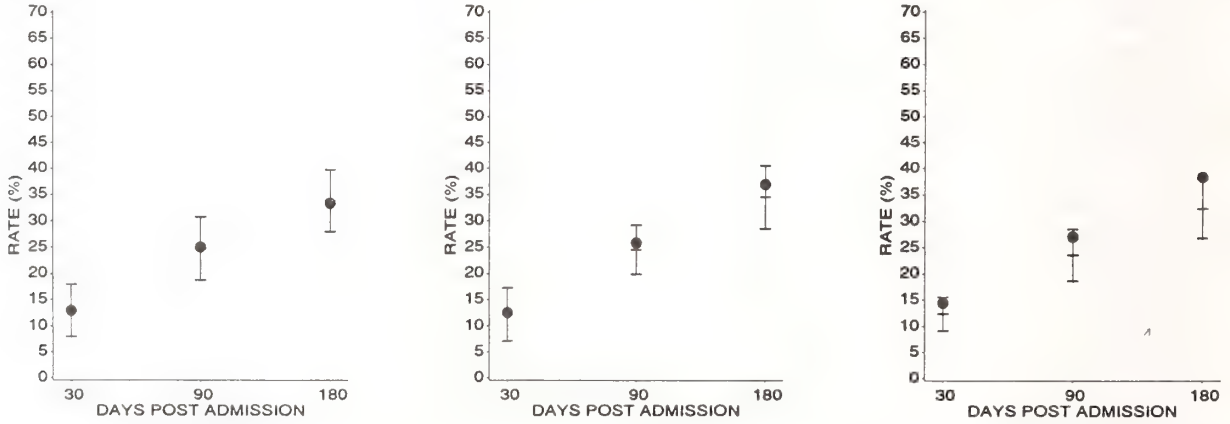
CENTRAL SHELMIRE AVES
PHILADELPHIA, PA 19111
Medicare Provider Number: 390196

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	493	14.4	12.3	1.6	27.0	23.5	2.5	38.3	32.3	2.8
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	2	100.0	23.3	-----	100.0	40.6	-----	100.0	51.8	-----
Pneumonia/Influenza	6	33.3	18.3	-----	33.3	27.7	-----	50.0	34.5	-----
Chronic Obstructive Pulmonary Disease	2	0.0	13.4	-----	0.0	27.1	-----	50.0	36.4	-----
Transient Cerebral Ischemia	0									
Stroke	1	100.0	24.2	-----	100.0	42.6	-----	100.0	53.0	-----
Hip Fracture	0									
Sepsis	3	0.0	24.6	-----	0.0	31.8	-----	0.0	35.0	-----
PROCEDURES:										
Angioplasty	1	0.0	17.3	-----	0.0	32.9	-----	0.0	45.2	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	13	0.0	1.0	-----	0.0	2.5	-----	7.7	4.5	-----
Cholecystectomy	6	16.7	7.2	-----	16.7	14.9	-----	16.7	20.8	-----
Hysterectomy	11	0.0	2.0	-----	9.1	4.6	-----	9.1	7.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

AMERICAN ONCOLOGIC HOSPITAL

Medicare Provider Number: 390196

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	70.4 years
Proportion female	52.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	99.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	59.2 %
Admitted for emergency	10.1 %

COMORBIDITIES:	
Cancer	62.5 %
Chronic cardiovascular disease	27.2 %
Chronic liver disease	1.2 %
Chronic renal disease	0.8 %
Chronic pulmonary disease	9.1 %
Cerebrovascular degeneration	0.4 %
Diabetes mellitus	3.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	45.4%
State	34.3%
Outside State	20.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	100
Occupancy Rate	59.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	32.6 %
Case Mix Index (CMI)	1.2462
STAFFING:	
Total Number of Physicians	217
Percent of Physicians Board Certified Specialists	89.9 %
Medical Residents/Interns	6
Registered Nurses	209
Licensed Practical Nurses	13

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ANDREW KAUL MEMORIAL HOSPITAL

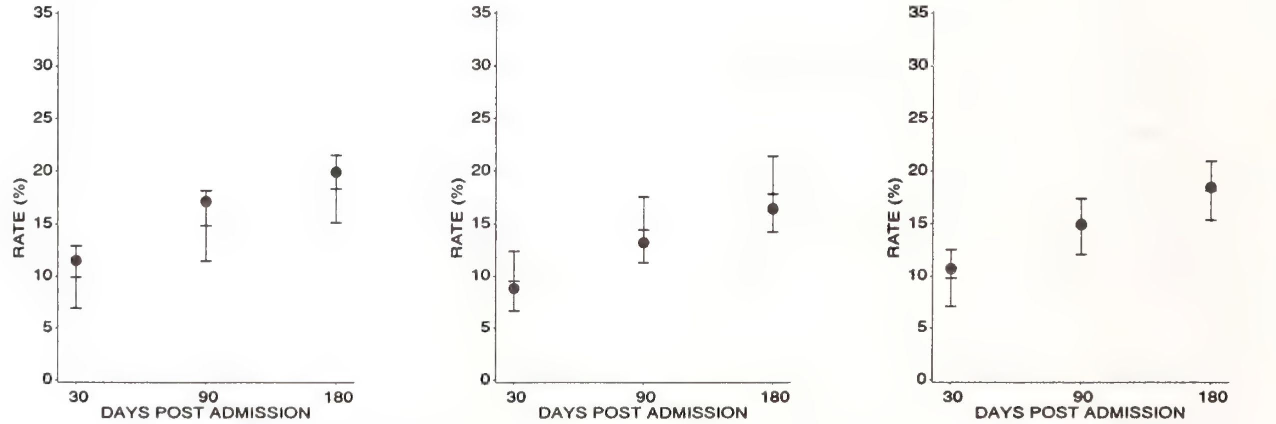
JOHNSONBURG RD
SAINT MARYS, PA 15857
Medicare Provider Number: 390154

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	766	10.7	9.8	1.4	14.9	14.7	1.3	18.4	18.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	21.8	-----	26.7	25.3	-----	26.7	28.0	-----
Congestive Heart Failure	42	16.7	16.9	-----	23.8	26.6	-----	28.6	32.9	-----
Pneumonia/Influenza	57	22.8	16.6	10.7	29.8	22.8	11.9	29.8	27.0	11.5
Chronic Obstructive Pulmonary Disease	15	6.7	8.8	-----	6.7	15.2	-----	13.3	20.1	-----
Transient Cerebral Ischemia	21	0.0	2.0	-----	0.0	4.6	-----	4.8	7.6	-----
Stroke	29	17.2	18.9	-----	17.2	25.3	-----	20.7	29.0	-----
Hip Fracture	18	5.6	6.7	-----	11.1	12.7	-----	16.7	16.6	-----
Sepsis	8	37.5	25.4	-----	37.5	34.4	-----	37.5	39.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	16.7	8.2	-----	16.7	13.0	-----	16.7	16.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	3.4	-----	11.1	6.4	-----	11.1	9.0	-----
Open Reduction of Hip Fracture	11	9.1	7.1	-----	9.1	14.0	-----	18.2	18.4	-----
Prostatectomy	1	0.0	0.2	-----	0.0	0.5	-----	0.0	1.0	-----
Cholecystectomy	14	0.0	1.9	-----	0.0	3.2	-----	0.0	4.0	-----
Hysterectomy	4	0.0	0.2	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ANDREW KAUL MEMORIAL HOSPITAL
Medicare Provider Number: 390154

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	59.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.4 %
Transferred from skilled nursing facility	3.4 %
Admitted for elective procedure	5.7 %
Admitted for emergency	84.5 %

COMORBIDITIES:

Cancer	6.4 %
Chronic cardiovascular disease	37.2 %
Chronic liver disease	0.7 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	20.9 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.3%
State	18.9%
Outside State	0.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	233
Occupancy Rate	75.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.9 %
Case Mix Index (CMI)	1.1187

STAFFING:

Total Number of Physicians	22
Percent of Physicians Board Certified Specialists	59.1 %
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	14

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

ARMSTRONG COUNTY MEMORIAL HOSPITAL

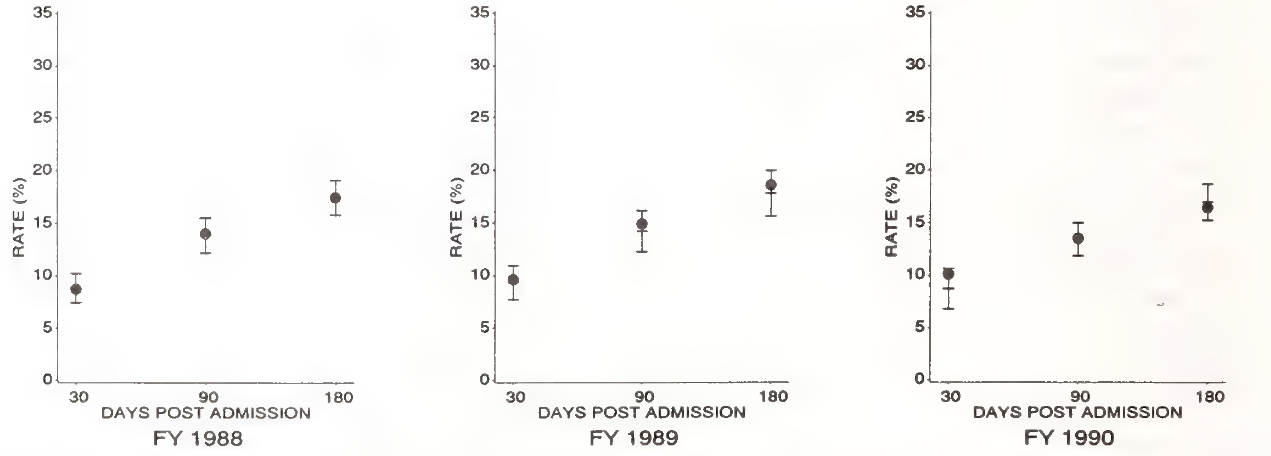
RD 8, BOX 50
KITTANNING, PA 16201
Medicare Provider Number: 390163

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2090	10.1	8.7	1.0	13.5	13.4	0.8	16.4	16.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	80	18.7	27.2	8.2	23.7	31.3	8.7	26.2	34.5	8.3
Congestive Heart Failure	119	20.2	14.5	4.6	24.4	23.4	3.9	30.3	29.8	4.2
Pneumonia/Influenza	110	20.9	16.3	6.5	26.4	22.5	6.9	31.8	26.6	7.5
Chronic Obstructive Pulmonary Disease	55	16.4	8.1	5.8	20.0	14.8	5.6	20.0	20.0	6.1
Transient Cerebral Ischemia	55	3.6	2.0	2.4	3.6	4.6	3.3	3.6	7.5	4.9
Stroke	82	15.9	19.6	5.3	22.0	26.3	7.5	24.4	30.2	8.0
Hip Fracture	36	19.4	7.0	-----	19.4	12.3	-----	22.2	15.9	-----
Sepsis	29	27.6	24.2	-----	34.5	32.8	-----	37.9	37.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	28.6	4.8	-----	28.6	8.0	-----	28.6	10.5	-----
Carotid Endarterectomy	1	0.0	2.9	-----	0.0	5.0	-----	0.0	6.9	-----
Hip Replacement/Reconstruction	25	4.0	3.8	-----	8.0	7.1	-----	8.0	9.5	-----
Open Reduction of Hip Fracture	14	35.7	6.6	-----	35.7	11.4	-----	35.7	14.5	-----
Prostatectomy	47	2.1	1.1	-----	4.3	2.6	-----	4.3	4.4	-----
Cholecystectomy	36	8.3	2.0	-----	8.3	3.8	-----	8.3	5.3	-----
Hysterectomy	17	0.0	0.6	-----	0.0	1.4	-----	5.9	2.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ARMSTRONG COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 390163

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	56.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	92.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	9.7 %
Admitted for emergency	63.4 %

COMORBIDITIES:

Cancer	8.6 %
Chronic cardiovascular disease	43.5 %
Chronic liver disease	1.6 %
Chronic renal disease	3.8 %
Chronic pulmonary disease	18.3 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	7.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	82.6%
State	16.4%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	200
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.9 %
Case Mix Index (CMI)	1.1510

STAFFING:

Total Number of Physicians	70
Percent of Physicians Board Certified Specialists	75.7 %
Medical Residents/Interns	0
Registered Nurses	214
Licensed Practical Nurses	4

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

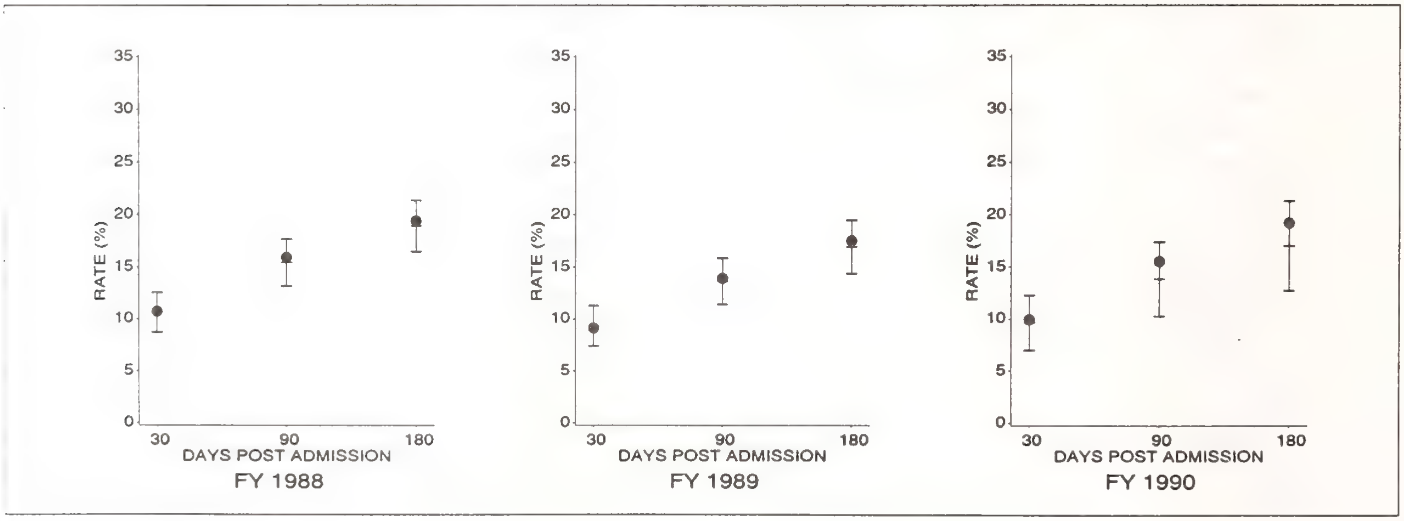
ASHLAND STATE GENERAL HOSPITAL
ROUTE 61
ASHLAND, PA 17921
Medicare Provider Number: 390181

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	922	9.9	9.6	1.3	15.5	13.8	1.8	19.2	17.0	2.2
CONDITIONS:										
Acute Myocardial Infarction	31	29.0	30.8	-----	35.5	34.3	-----	35.5	37.2	-----
Congestive Heart Failure	91	17.6	15.5	4.9	26.4	24.2	4.7	34.1	30.4	5.3
Pneumonia/Influenza	74	8.1	14.5	8.0	12.2	19.2	9.1	18.9	22.8	9.2
Chronic Obstructive Pulmonary Disease	10	0.0	5.7	-----	0.0	9.5	-----	0.0	13.0	-----
Transient Cerebral Ischemia	22	4.5	1.6	-----	4.5	3.6	-----	9.1	5.9	-----
Stroke	38	26.3	20.3	-----	34.2	26.5	-----	39.5	30.5	-----
Hip Fracture	18	5.6	5.9	-----	11.1	9.9	-----	11.1	12.8	-----
Sepsis	14	14.3	26.2	-----	35.7	30.6	-----	42.9	34.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	33.3	5.3	-----	33.3	9.6	-----	33.3	12.5	-----
Open Reduction of Hip Fracture	11	0.0	3.7	-----	9.1	6.6	-----	9.1	9.0	-----
Prostatectomy	36	2.8	2.2	-----	2.8	5.0	-----	2.8	8.1	-----
Cholecystectomy	17	0.0	4.8	-----	5.9	8.5	-----	5.9	11.0	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ASHLAND STATE GENERAL HOSPITAL
Medicare Provider Number: 390181

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	58.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.3 %
Transferred from skilled nursing facility	2.0 %
Admitted for elective procedure	29.3 %
Admitted for emergency	13.6 %

COMORBIDITIES:

Cancer	5.6 %
Chronic cardiovascular disease	47.4 %
Chronic liver disease	0.9 %
Chronic renal disease	5.1 %
Chronic pulmonary disease	14.3 %
Cerebrovascular degeneration	1.7 %
Diabetes mellitus	6.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	59.3%
State	39.5%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	11.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	117
Occupancy Rate	64.0 %
Ownership/Control	State Government
Medicare Discharges	59.5 %
Case Mix Index (CMI)	1.0687

STAFFING:

Total Number of Physicians	49
Percent of Physicians Board Certified Specialists	44.9 %
Medical Residents/Interns	0
Registered Nurses	80
Licensed Practical Nurses	31

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

BARNES KASSON COUNTY HOSPITAL

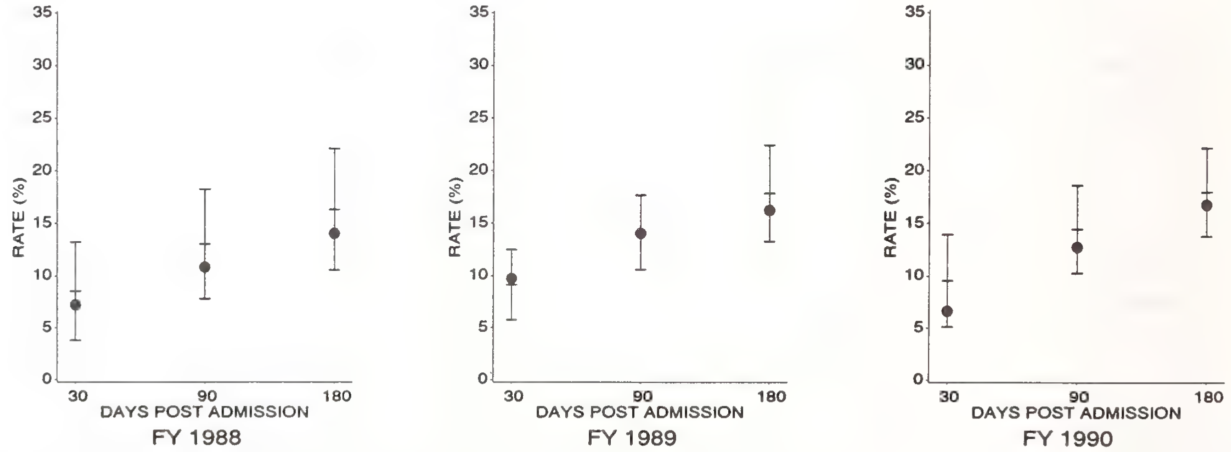
400 TURNPIKE ST
SUSQUEHANNA, PA 18847
Medicare Provider Number: 390224

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	378	6.6	9.5	2.2	12.7	14.4	2.1	16.7	17.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	5	20.0	23.6	-----	20.0	25.6	-----	20.0	27.7	-----
Congestive Heart Failure	35	8.6	14.6	-----	14.3	23.2	-----	22.9	29.6	-----
Pneumonia/Influenza	27	7.4	19.5	-----	18.5	27.0	-----	22.2	31.7	-----
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	7	14.3	2.7	-----	14.3	5.7	-----	14.3	8.6	-----
Stroke	20	5.0	20.3	-----	15.0	27.4	-----	20.0	31.1	-----
Hip Fracture	0									
Sepsis	4	0.0	21.3	-----	0.0	25.9	-----	25.0	28.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	3	0.0	0.9	-----	0.0	1.6	-----	0.0	2.1	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BARNES KASSON COUNTY HOSPITAL

Medicare Provider Number: 390224

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.2 years	Cancer	5.0 %
Proportion female	64.3 %	Chronic cardiovascular disease	43.9 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.5 %
Referred by personal or HMO physician	42.9 %	Chronic renal disease	2.6 %
Transferred from skilled nursing facility	3.4 %	Chronic pulmonary disease	16.9 %
Admitted for elective procedure	0.5 %	Cerebrovascular degeneration	2.1 %
Admitted for emergency	93.1 %	Diabetes mellitus	3.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	82.7%	Hospital	8.3 Days
State	7.7%	State	9.2 Days
Outside State	9.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	101	Burn Unit	No
Occupancy Rate	82.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	42.3 %	Hospice Care	No
Case Mix Index (CMI)	0.9834	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	17	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	76.5 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	37	Rehabilitation	No
Licensed Practical Nurses	7	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

BERWICK HOSPITAL

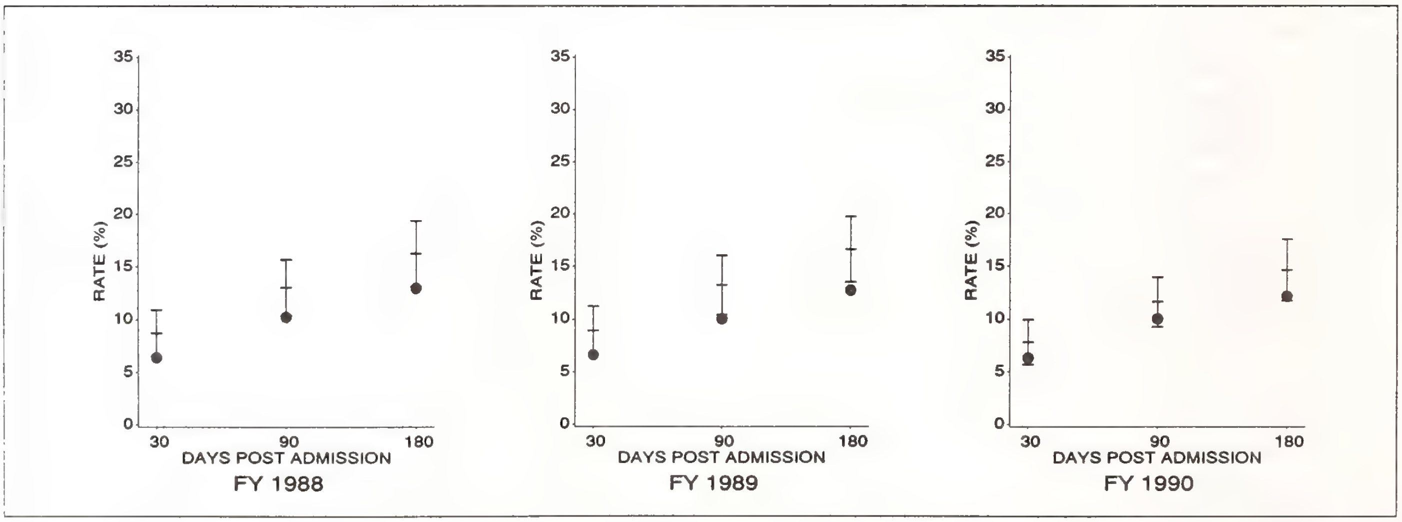
701 EAST 16TH ST
BERWICK, PA 18603
Medicare Provider Number: 390072

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1227	6.3	7.8	1.1	10.0	11.6	1.2	12.1	14.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	36	36.1	35.7	-----	44.4	38.6	-----	52.8	42.0	-----
Congestive Heart Failure	68	4.4	12.6	6.4	14.7	20.2	6.5	16.2	26.2	8.1
Pneumonia/Influenza	75	10.7	13.8	6.3	12.0	18.8	8.3	17.3	22.6	9.2
Chronic Obstructive Pulmonary Disease	37	0.0	7.4	-----	10.8	12.5	-----	13.5	16.7	-----
Transient Cerebral Ischemia	40	0.0	1.7	-----	0.0	3.7	-----	0.0	6.0	-----
Stroke	41	12.2	19.4	-----	17.1	24.8	-----	22.0	28.2	-----
Hip Fracture	12	0.0	5.5	-----	0.0	9.6	-----	0.0	12.5	-----
Sepsis	8	37.5	26.2	-----	37.5	31.7	-----	50.0	36.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	2.9	-----	0.0	5.8	-----	0.0	8.6	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	6.8	-----	0.0	12.0	-----	0.0	15.6	-----
Open Reduction of Hip Fracture	5	0.0	5.0	-----	0.0	8.7	-----	0.0	11.3	-----
Prostatectomy	21	4.8	1.7	-----	4.8	4.1	-----	9.5	6.8	-----
Cholecystectomy	22	0.0	1.7	-----	0.0	2.8	-----	0.0	3.6	-----
Hysterectomy	4	0.0	1.0	-----	0.0	2.3	-----	0.0	3.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BERWICK HOSPITAL

Medicare Provider Number: 390072

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.7 years
Proportion female	59.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.8 %
Transferred from skilled nursing facility	1.1 %
Admitted for elective procedure	4.0 %
Admitted for emergency	52.5 %

COMORBIDITIES:

Cancer	2.7 %
Chronic cardiovascular disease	42.1 %
Chronic liver disease	1.0 %
Chronic renal disease	1.2 %
Chronic pulmonary disease	17.8 %
Cerebrovascular degeneration	1.6 %
Diabetes mellitus	7.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	69.0%
State	30.4%
Outside State	0.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1989

PROFILE:

Total Beds	179
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	0.9860

STAFFING:

Medical Residents/Interns	0
Registered Nurses	63
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

BLOOMSBURG HOSPITAL

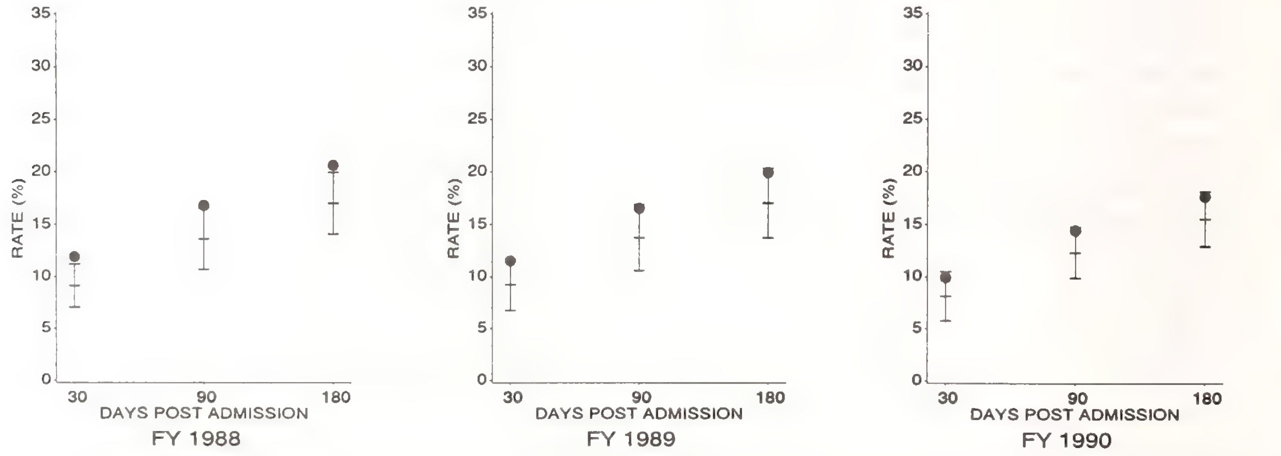
549 E FAIR ST
BLOOMSBURG, PA 17815
Medicare Provider Number: 390003

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1125	9.9	8.1	1.2	14.4	12.3	1.2	17.6	15.5	1.3
CONDITIONS:										
Acute Myocardial Infarction	56	35.7	21.8	8.2	42.9	24.4	8.6	44.6	26.8	8.8
Congestive Heart Failure	48	18.8	14.7	-----	35.4	22.9	-----	47.9	29.0	-----
Pneumonia/Influenza	67	14.9	14.0	4.9	17.9	19.6	5.0	25.4	23.2	5.8
Chronic Obstructive Pulmonary Disease	18	5.6	6.8	-----	11.1	12.2	-----	11.1	16.4	-----
Transient Cerebral Ischemia	39	0.0	1.7	-----	5.1	4.2	-----	10.3	6.9	-----
Stroke	45	22.2	17.2	-----	28.9	21.9	-----	28.9	25.2	-----
Hip Fracture	32	9.4	5.6	-----	9.4	10.1	-----	18.8	13.3	-----
Sepsis	13	46.2	25.2	-----	53.8	33.7	-----	53.8	38.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	0.0	2.2	-----	0.0	5.0	-----	0.0	7.9	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	30.0	4.5	-----	30.0	8.2	-----	30.0	10.7	-----
Open Reduction of Hip Fracture	22	4.5	4.0	-----	4.5	7.8	-----	18.2	10.9	-----
Prostatectomy	53	0.0	0.9	1.9	5.7	2.2	3.1	5.7	3.7	3.3
Cholecystectomy	27	11.1	4.4	-----	11.1	8.5	-----	11.1	11.7	-----
Hysterectomy	11	0.0	0.6	-----	0.0	1.1	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BLOOMSBURG HOSPITAL

Medicare Provider Number: 390003

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.6 years
Proportion female	56.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	11.6 %
Admitted for emergency	6.4 %

COMORBIDITIES:

Cancer	5.8 %
Chronic cardiovascular disease	37.0 %
Chronic liver disease	1.1 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	14.3 %
Cerebrovascular degeneration	6.1 %
Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	78.5%
State	19.9%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	125
Occupancy Rate	44.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.9 %
Case Mix Index (CMI)	1.1558

STAFFING:

Total Number of Physicians	50
Percent of Physicians Board Certified Specialists	76.0 %
Medical Residents/Interns	0
Registered Nurses	89
Licensed Practical Nurses	27

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

BRADDOCK MEDICAL CENTER

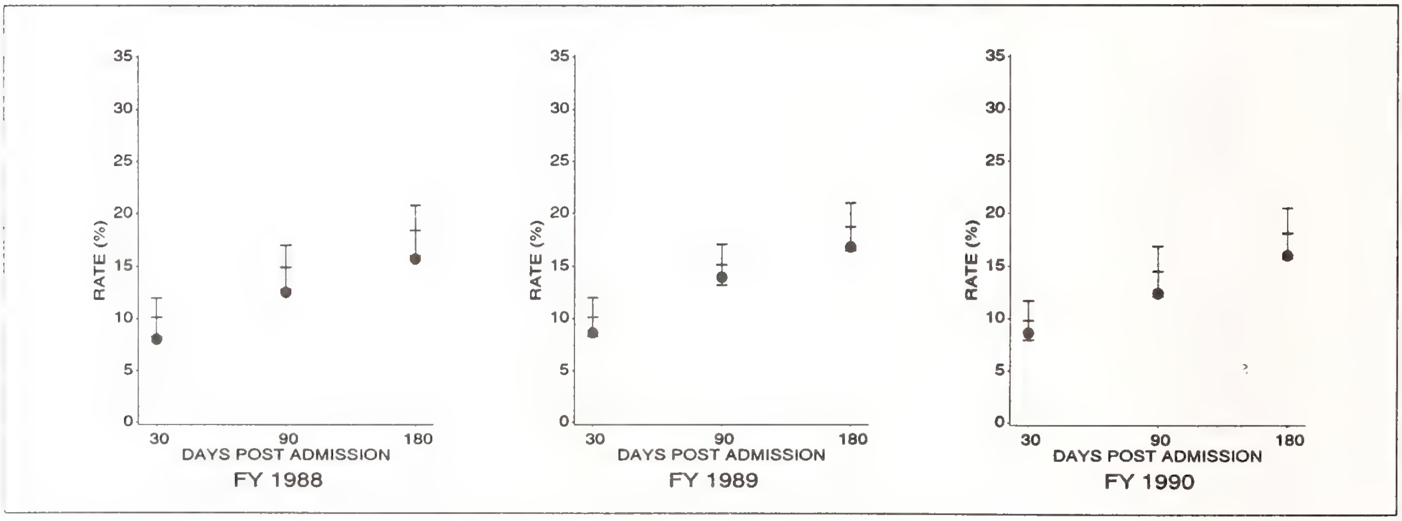
400 HOLLAND AVE
BRADDOCK, PA 15104
Medicare Provider Number: 390128

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2050	8.6	9.8	0.9	12.4	14.5	1.2	16.0	18.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	87	26.4	31.8	5.6	32.2	35.0	5.3	33.3	37.7	5.4
Congestive Heart Failure	144	12.5	13.9	3.7	18.8	21.9	5.9	25.0	27.7	7.0
Pneumonia/Influenza	75	18.7	18.2	5.9	21.3	25.1	5.4	25.3	29.2	6.4
Chronic Obstructive Pulmonary Disease	57	5.3	8.8	6.0	8.8	15.3	7.7	12.3	19.8	8.1
Transient Cerebral Ischemia	49	0.0	2.4	-----	0.0	5.3	-----	0.0	8.4	-----
Stroke	92	22.8	20.8	4.5	26.1	27.8	4.9	30.4	31.7	5.2
Hip Fracture	43	7.0	7.6	-----	7.0	13.2	-----	11.6	16.7	-----
Sepsis	20	40.0	36.6	-----	50.0	46.3	-----	65.0	50.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	36	2.8	4.1	-----	5.6	7.9	-----	8.3	10.9	-----
Carotid Endarterectomy	1	0.0	1.9	-----	0.0	3.5	-----	0.0	4.7	-----
Hip Replacement/Reconstruction	17	0.0	4.9	-----	0.0	9.1	-----	5.9	12.3	-----
Open Reduction of Hip Fracture	22	9.1	7.0	-----	9.1	12.4	-----	9.1	15.8	-----
Prostatectomy	52	1.9	1.7	1.9	1.9	3.6	3.2	1.9	6.0	5.1
Cholecystectomy	29	0.0	2.7	-----	0.0	4.7	-----	0.0	6.2	-----
Hysterectomy	5	0.0	0.6	-----	0.0	1.3	-----	0.0	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BRADDOCK MEDICAL CENTER

Medicare Provider Number: 390128

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.4 years
Proportion female	58.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	8.0 %
Admitted for emergency	60.8 %

COMORBIDITIES:

Cancer	6.9 %
Chronic cardiovascular disease	45.0 %
Chronic liver disease	1.5 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	17.9 %
Cerebrovascular degeneration	7.6 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	96.3%
State	2.8%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	235
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.3 %
Case Mix Index (CMI)	1.1586

STAFFING:

Total Number of Physicians	113
Percent of Physicians Board Certified Specialists	77.9 %
Medical Residents/Interns	0
Registered Nurses	158
Licensed Practical Nurses	28

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

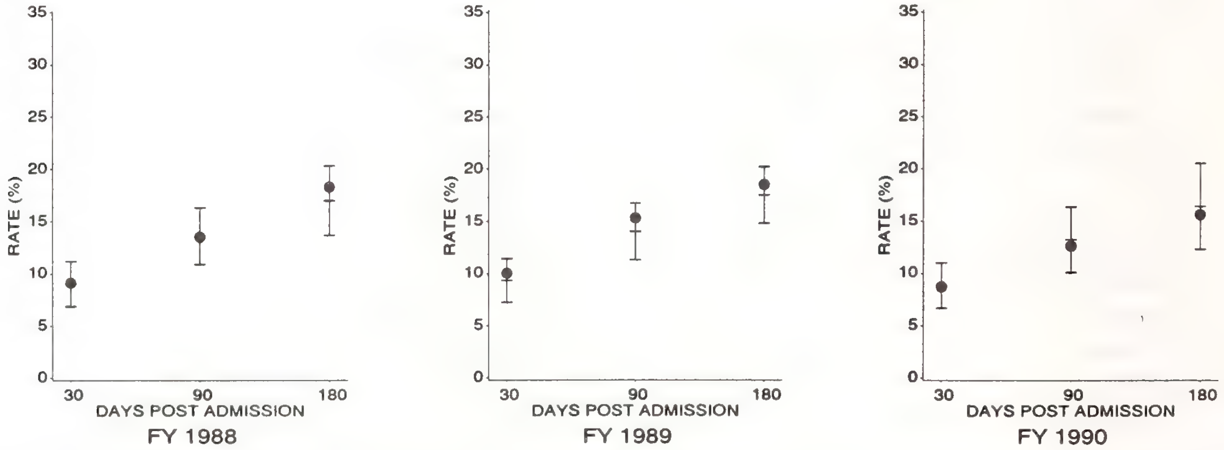
BRADFORD HOSPITAL
116-156 INTERSTATE PARKWAY
BRADFORD, PA 16701
Medicare Provider Number: 390118

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	963	8.7	8.8	1.1	12.6	13.2	1.6	15.6	16.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	28	42.9	23.3	-----	46.4	26.1	-----	46.4	29.3	-----
Congestive Heart Failure	44	11.4	16.4	-----	22.7	25.5	-----	25.0	31.5	-----
Pneumonia/Influenza	60	18.3	14.9	5.4	26.7	20.6	7.8	28.3	24.5	8.9
Chronic Obstructive Pulmonary Disease	22	27.3	6.6	-----	27.3	12.0	-----	27.3	15.9	-----
Transient Cerebral Ischemia	17	0.0	1.2	-----	0.0	3.0	-----	0.0	5.1	-----
Stroke	42	21.4	23.1	-----	23.8	28.0	-----	26.2	31.2	-----
Hip Fracture	24	0.0	8.8	-----	0.0	15.6	-----	4.2	20.2	-----
Sepsis	11	45.5	29.2	-----	45.5	35.8	-----	45.5	40.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.6	-----	14.3	7.4	-----	14.3	10.4	-----
Carotid Endarterectomy	2	0.0	0.9	-----	0.0	1.7	-----	0.0	2.6	-----
Hip Replacement/Reconstruction	14	7.1	3.0	-----	7.1	5.2	-----	7.1	6.6	-----
Open Reduction of Hip Fracture	14	0.0	6.2	-----	0.0	11.3	-----	0.0	14.8	-----
Prostatectomy	45	0.0	1.0	-----	0.0	2.5	-----	0.0	4.1	-----
Cholecystectomy	12	8.3	7.2	-----	8.3	10.1	-----	8.3	11.6	-----
Hysterectomy	8	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BRADFORD HOSPITAL
Medicare Provider Number: 390118

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.6 years
Proportion female	55.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	35.4 %
Transferred from skilled nursing facility	1.3 %
Admitted for elective procedure	13.0 %
Admitted for emergency	5.2 %

COMORBIDITIES:

Cancer	5.4 %
Chronic cardiovascular disease	37.0 %
Chronic liver disease	1.0 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	17.5 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	7.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.8%
State	2.3%
Outside State	5.9%

Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	226
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.4 %
Case Mix Index (CMI)	1.0989

STAFFING:

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	57.6 %
Medical Residents/Interns	0
Registered Nurses	110
Licensed Practical Nurses	31

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

BRANDYWINE HOSPITAL

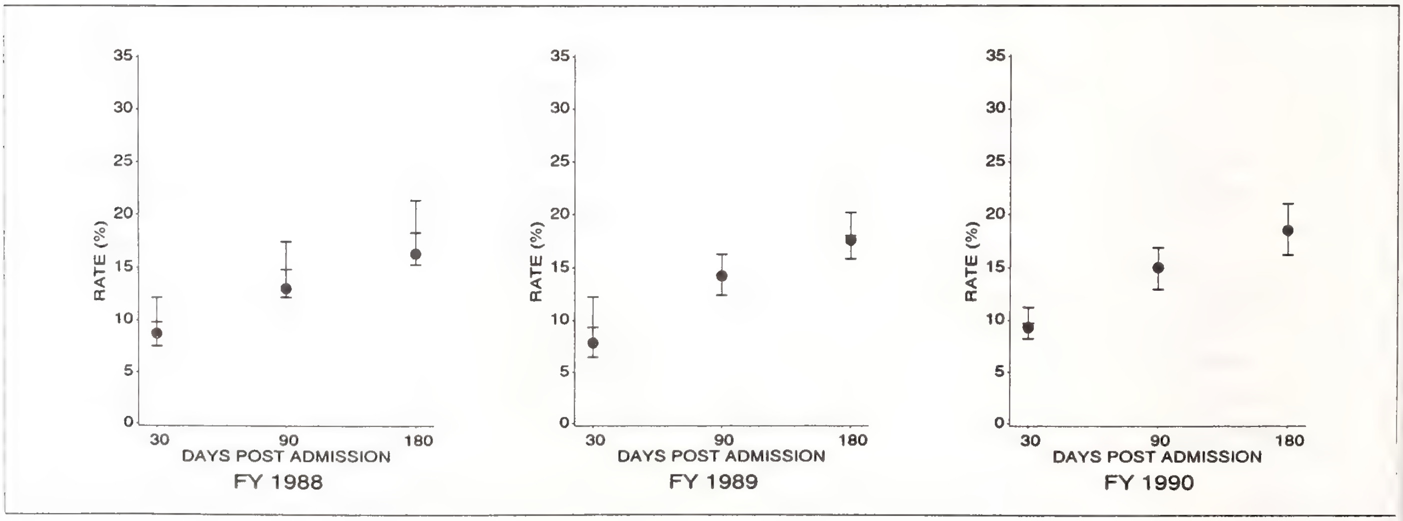
201 REESEVILLE ROAD
CALN, PA 19320
Medicare Provider Number: 390076

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1637	9.3	9.7	0.8	15.0	14.9	1.0	18.5	18.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	30.8	28.9	-----	41.0	31.5	-----	43.6	33.9	-----
Congestive Heart Failure	106	10.4	15.0	5.2	25.5	23.4	4.4	29.2	29.7	4.5
Pneumonia/Influenza	90	15.6	14.9	3.8	23.3	20.5	5.2	24.4	24.5	4.8
Chronic Obstructive Pulmonary Disease	41	9.8	7.4	-----	17.1	13.4	-----	24.4	18.4	-----
Transient Cerebral Ischemia	57	3.5	2.3	4.0	7.0	5.0	4.4	8.8	8.0	4.4
Stroke	45	24.4	20.8	-----	28.9	28.2	-----	31.1	32.5	-----
Hip Fracture	40	2.5	7.7	-----	7.5	13.3	-----	10.0	16.8	-----
Sepsis	19	47.4	32.2	-----	57.9	39.5	-----	57.9	43.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	2.6	-----	5.0	5.6	-----	10.0	8.4	-----
Carotid Endarterectomy	4	0.0	0.8	-----	0.0	1.6	-----	0.0	2.6	-----
Hip Replacement/Reconstruction	13	0.0	3.8	-----	15.4	7.5	-----	23.1	10.2	-----
Open Reduction of Hip Fracture	20	5.0	8.4	-----	10.0	14.5	-----	10.0	18.1	-----
Prostatectomy	35	2.9	1.6	-----	5.7	4.0	-----	5.7	7.0	-----
Cholecystectomy	26	0.0	1.8	-----	0.0	3.1	-----	0.0	4.1	-----
Hysterectomy	10	10.0	0.8	-----	10.0	1.7	-----	10.0	2.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BRANDYWINE HOSPITAL

Medicare Provider Number: 390076

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.3 years
Proportion female	56.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	29.0 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	9.3 %
Admitted for emergency	54.1 %

COMORBIDITIES:	
Cancer	8.8 %
Chronic cardiovascular disease	40.7 %
Chronic liver disease	1.2 %
Chronic renal disease	6.5 %
Chronic pulmonary disease	20.7 %
Cerebrovascular degeneration	6.7 %
Diabetes mellitus	8.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	89.7%
State	7.5%
Outside State	2.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	190
Occupancy Rate	72.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.0 %
Case Mix Index (CMI)	1.2012
STAFFING:	
Total Number of Physicians	137
Percent of Physicians Board Certified Specialists	62.8 %
Medical Residents/Interns	0
Registered Nurses	169
Licensed Practical Nurses	12

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

BROOKVILLE HOSPITAL

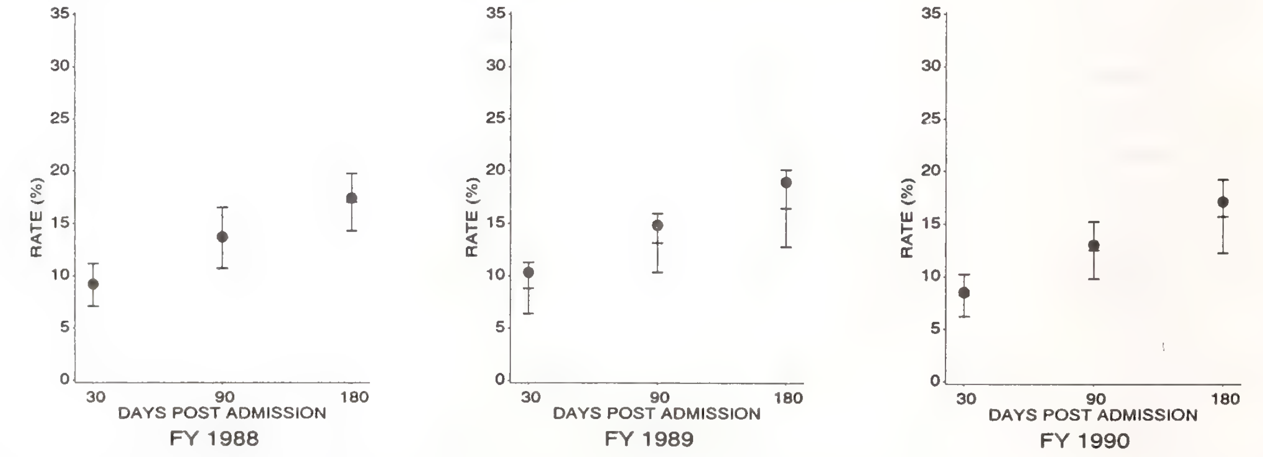
SOUTH MAIN ST
BROOKVILLE, PA 15825
Medicare Provider Number: 390191

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	820	8.5	8.2	1.0	13.0	12.5	1.4	17.1	15.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	24	20.8	24.4	-----	25.0	28.9	-----	29.2	32.5	-----
Congestive Heart Failure	35	20.0	17.1	-----	31.4	27.0	-----	37.1	33.6	-----
Pneumonia/Influenza	44	18.2	16.0	-----	27.3	22.5	-----	36.4	26.4	-----
Chronic Obstructive Pulmonary Disease	19	15.8	5.4	-----	15.8	10.4	-----	31.6	14.9	-----
Transient Cerebral Ischemia	32	3.1	2.3	-----	3.1	5.1	-----	9.4	8.0	-----
Stroke	36	19.4	16.8	-----	22.2	24.5	-----	22.2	28.6	-----
Hip Fracture	21	4.8	7.8	-----	9.5	13.1	-----	14.3	16.8	-----
Sepsis	9	33.3	28.1	-----	44.4	34.6	-----	55.6	39.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	28.6	2.5	-----	28.6	5.0	-----	28.6	7.4	-----
Carotid Endarterectomy	8	0.0	1.4	-----	0.0	2.6	-----	0.0	3.9	-----
Hip Replacement/Reconstruction	4	0.0	5.8	-----	0.0	10.4	-----	0.0	14.3	-----
Open Reduction of Hip Fracture	8	12.5	5.0	-----	25.0	8.9	-----	25.0	12.3	-----
Prostatectomy	39	2.6	0.9	-----	2.6	2.1	-----	2.6	3.7	-----
Cholecystectomy	28	3.6	2.4	-----	7.1	4.7	-----	7.1	6.7	-----
Hysterectomy	5	0.0	1.2	-----	0.0	2.7	-----	0.0	4.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BROOKVILLE HOSPITAL

Medicare Provider Number: 390191

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.7 years
Proportion female	56.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	26.2 %
Transferred from skilled nursing facility	7.8 %
Admitted for elective procedure	8.4 %
Admitted for emergency	1.0 %

COMORBIDITIES:	
Cancer	3.2 %
Chronic cardiovascular disease	44.0 %
Chronic liver disease	0.4 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	13.8 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	7.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	57.1%
State	40.2%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	73
Occupancy Rate	50.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	53.5 %
Case Mix Index (CMI)	1.0862
STAFFING:	
Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	61.9 %
Medical Residents/Interns	0
Registered Nurses	65
Licensed Practical Nurses	48

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

BROWNSVILLE GENERAL HOSPITAL

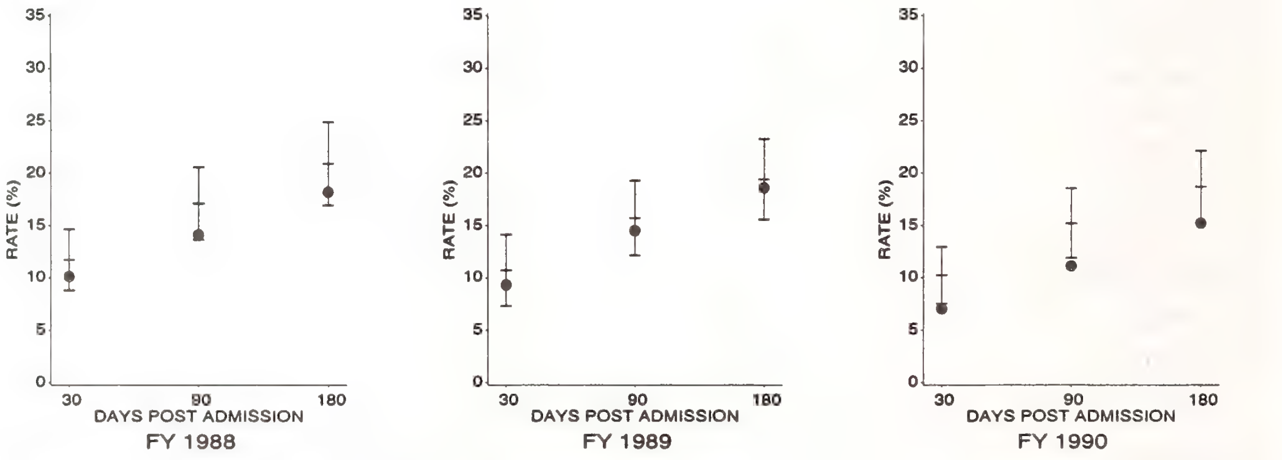
125 SIMPSON RD
BROWNSVILLE, PA 15417
Medicare Provider Number: 390166

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	868	7.0	10.2	1.4	11.1	15.2	1.7	15.2	18.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	33	24.2	32.3	-----	33.3	35.5	-----	33.3	38.1	-----
Congestive Heart Failure	56	8.9	14.4	5.5	14.3	22.5	7.2	17.9	28.2	8.6
Pneumonia/Influenza	30	6.7	17.9	-----	16.7	24.3	-----	33.3	28.5	-----
Chronic Obstructive Pulmonary Disease	15	6.7	7.9	-----	20.0	13.7	-----	20.0	18.4	-----
Transient Cerebral Ischemia	29	3.4	1.9	-----	6.9	4.4	-----	10.3	7.0	-----
Stroke	24	8.3	16.1	-----	8.3	22.5	-----	8.3	26.1	-----
Hip Fracture	22	9.1	7.3	-----	9.1	12.5	-----	13.6	16.2	-----
Sepsis	16	12.5	27.2	-----	12.5	36.4	-----	25.0	41.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	6.6	-----	0.0	10.5	-----	0.0	13.1	-----
Open Reduction of Hip Fracture	13	15.4	7.0	-----	15.4	12.5	-----	23.1	16.3	-----
Prostatectomy	29	0.0	1.7	-----	0.0	3.9	-----	0.0	6.5	-----
Cholecystectomy	15	0.0	3.0	-----	0.0	5.6	-----	0.0	7.7	-----
Hysterectomy	2	0.0	0.3	-----	0.0	0.6	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BROWNSVILLE GENERAL HOSPITAL

Medicare Provider Number: 390166

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	53.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	27.9 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	1.4 %
Admitted for emergency	69.1 %

COMORBIDITIES:

Cancer	5.9 %
Chronic cardiovascular disease	53.5 %
Chronic liver disease	1.0 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	21.8 %
Cerebrovascular degeneration	2.9 %
Diabetes mellitus	9.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	63.5%
State	34.8%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	101
Occupancy Rate	64.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	61.3 %
Case Mix Index (CMI)	1.1491

STAFFING:

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	65.4 %
Medical Residents/Interns	0
Registered Nurses	60
Licensed Practical Nurses	32

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

BRYN MAWR HOSPITAL

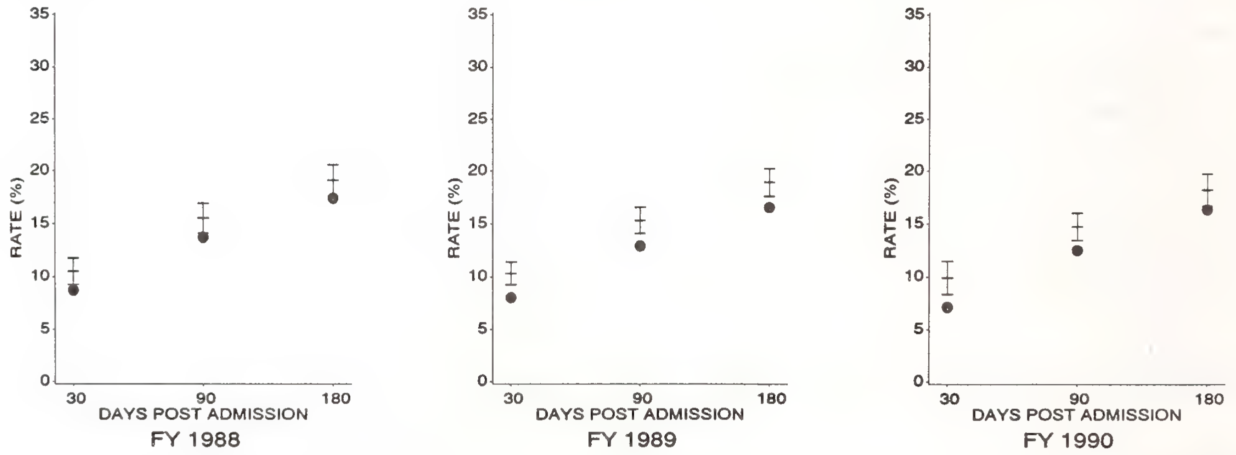
BRYN MAWR AVE
BRYN MAWR, PA 19010
Medicare Provider Number: 390139

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	4020	7.1	9.9	0.8	12.5	14.7	0.6	16.3	18.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	138	20.3	32.0	5.7	21.7	34.7	6.0	25.4	37.3	6.2
Congestive Heart Failure	158	12.0	15.5	4.6	21.5	24.2	4.2	27.8	30.3	4.1
Pneumonia/Influenza	89	6.7	16.8	5.8	12.4	22.9	6.7	16.9	26.9	6.6
Chronic Obstructive Pulmonary Disease	47	2.1	11.2	-----	4.3	18.6	-----	12.8	24.0	-----
Transient Cerebral Ischemia	78	1.3	1.9	1.6	3.8	4.2	2.5	6.4	6.8	3.5
Stroke	146	17.1	22.6	6.1	24.0	28.8	6.3	27.4	32.5	6.6
Hip Fracture	150	7.3	7.3	2.3	14.0	12.6	3.6	16.7	16.2	3.2
Sepsis	79	13.9	26.8	6.6	25.3	33.9	6.3	34.2	38.0	6.4
PROCEDURES:										
Angioplasty	60	1.7	3.1	3.1	1.7	4.2	3.4	1.7	5.2	3.9
Coronary Artery Bypass Graft	79	5.1	5.6	3.3	7.6	7.8	3.1	8.9	8.7	3.2
Initial Pacemaker Insertion	39	2.6	3.5	-----	7.7	6.6	-----	15.4	9.4	-----
Carotid Endarterectomy	10	0.0	1.7	-----	0.0	3.3	-----	10.0	5.0	-----
Hip Replacement/Reconstruction	110	1.8	3.5	2.2	8.2	6.2	3.5	9.1	8.3	3.1
Open Reduction of Hip Fracture	84	7.1	7.0	4.1	11.9	12.4	5.3	14.3	16.0	5.1
Prostatectomy	160	0.0	1.2	1.1	0.0	2.9	1.9	1.9	4.9	2.2
Cholecystectomy	79	0.0	2.9	3.4	1.3	5.7	4.8	1.3	7.9	6.7
Hysterectomy	28	0.0	1.8	-----	0.0	4.1	-----	0.0	6.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

BRYN MAWR HOSPITAL

Medicare Provider Number: 390139

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.2 years
Proportion female	57.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	40.5 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	21.0 %
Admitted for emergency	69.9 %

COMORBIDITIES:

Cancer	9.4 %
Chronic cardiovascular disease	41.9 %
Chronic liver disease	0.8 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	11.2 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	5.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	37.6%
State	58.7%
Outside State	3.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	402
Occupancy Rate	70.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.7 %
Case Mix Index (CMI)	1.4315

STAFFING:

Total Number of Physicians	353
Percent of Physicians Board Certified Specialists	78.2 %
Medical Residents/Interns	45
Registered Nurses	697
Licensed Practical Nurses	4

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

BUCKTAIL MEDICAL CENTER

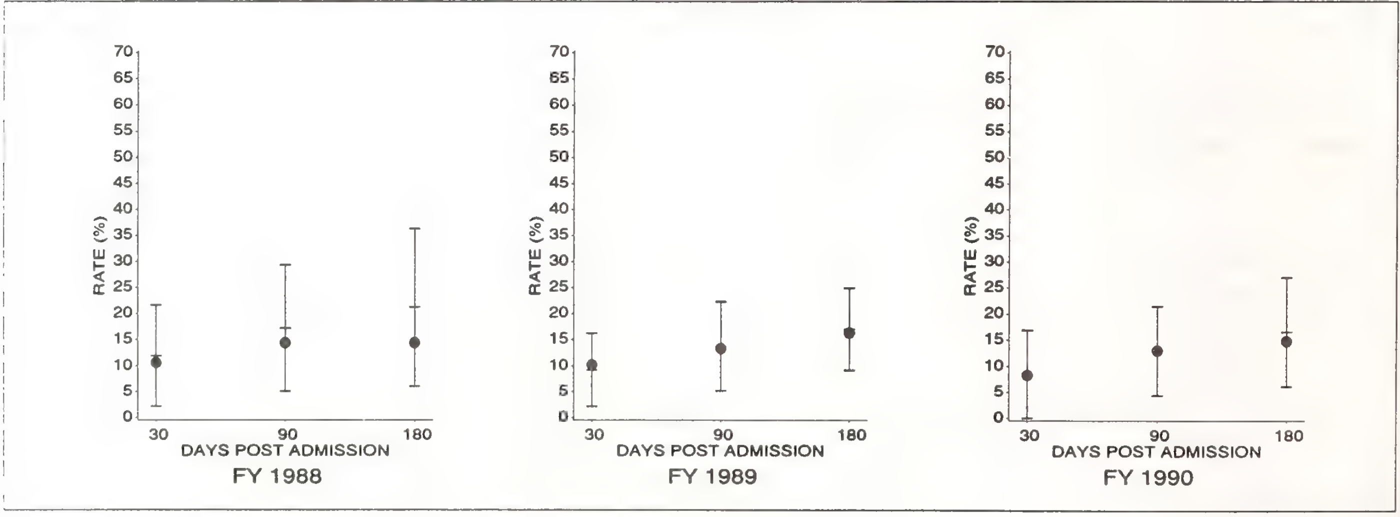
1001 PINE ST
RENOVO, PA 17764
Medicare Provider Number: 390244

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	108	8.3	8.2	4.3	13.0	12.9	4.3	14.8	16.5	5.2
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	26.9	-----	0.0	29.2	-----	0.0	32.2	-----
Congestive Heart Failure	7	0.0	12.8	-----	28.6	19.5	-----	28.6	24.7	-----
Pneumonia/Influenza	5	60.0	25.4	-----	60.0	35.2	-----	60.0	39.7	-----
Chronic Obstructive Pulmonary Disease	10	0.0	6.6	-----	0.0	12.6	-----	0.0	17.9	-----
Transient Cerebral Ischemia	3	0.0	1.7	-----	33.3	3.8	-----	33.3	5.9	-----
Stroke	1	0.0	21.4	-----	0.0	25.5	-----	100.0	29.7	-----
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



BUCKTAIL MEDICAL CENTER

Medicare Provider Number: 390244

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.8 years
Proportion female	54.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	7.4 %
Transferred from skilled nursing facility	5.6 %
Admitted for elective procedure	0.0 %
Admitted for emergency	14.8 %

COMORBIDITIES:

Cancer	7.4 %
Chronic cardiovascular disease	51.9 %
Chronic liver disease	0.0 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	25.0 %
Cerebrovascular degeneration	0.9 %
Diabetes mellitus	10.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.8%
State	5.8%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	4.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	50
Occupancy Rate	80.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	59.9 %
Case Mix Index (CMI)	0.8910

STAFFING:

Total Number of Physicians	10
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	8
Licensed Practical Nurses	3

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

BUTLER MEMORIAL HOSPITAL

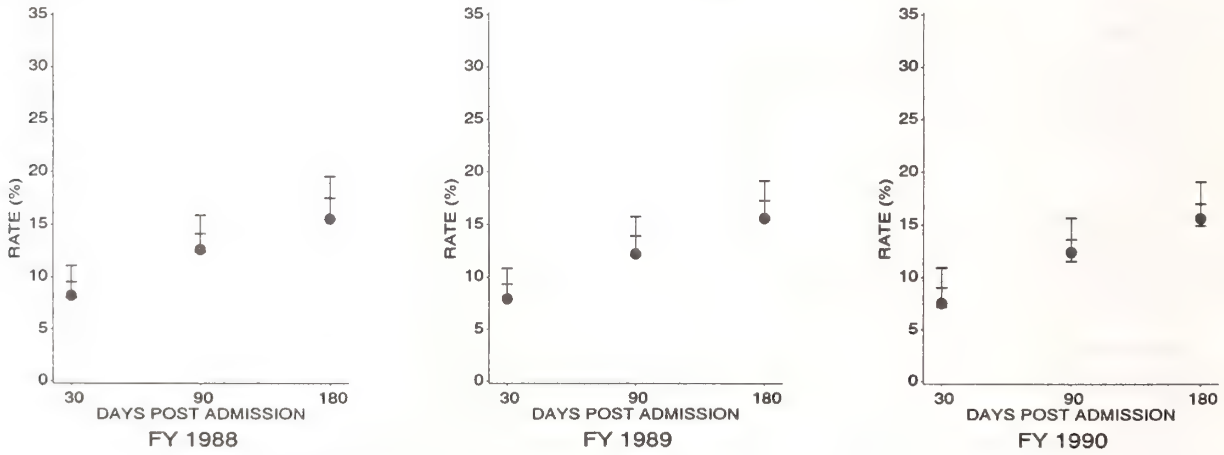
911 EAST BRADY ST
BUTLER, PA 16001
Medicare Provider Number: 390168

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2278	7.5	9.0	0.9	12.4	13.6	1.0	15.6	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	76	25.0	22.9	8.0	31.6	26.3	9.4	34.2	29.0	8.4
Congestive Heart Failure	141	14.2	15.0	5.0	22.7	23.6	7.3	31.9	29.7	6.2
Pneumonia/Influenza	142	11.3	13.3	4.3	15.5	18.1	5.9	17.6	21.5	6.8
Chronic Obstructive Pulmonary Disease	46	10.9	9.1	-----	19.6	15.8	-----	21.7	20.7	-----
Transient Cerebral Ischemia	50	2.0	1.4	-----	4.0	3.2	-----	6.0	5.2	-----
Stroke	105	14.3	19.8	7.2	21.0	26.2	10.0	25.7	29.8	8.8
Hip Fracture	56	3.6	5.2	3.2	10.7	9.0	4.1	14.3	11.7	4.8
Sepsis	22	36.4	26.0	-----	45.5	33.2	-----	50.0	37.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	4.3	3.7	-----	8.7	7.0	-----	8.7	10.2	-----
Carotid Endarterectomy	4	0.0	1.9	-----	0.0	3.4	-----	0.0	4.6	-----
Hip Replacement/Reconstruction	23	4.3	2.2	-----	8.7	4.0	-----	8.7	5.4	-----
Open Reduction of Hip Fracture	40	2.5	4.9	-----	10.0	8.7	-----	15.0	11.5	-----
Prostatectomy	53	0.0	0.7	2.2	1.9	1.6	3.6	5.7	2.8	4.5
Cholecystectomy	41	2.4	2.1	-----	2.4	3.9	-----	2.4	5.2	-----
Hysterectomy	23	0.0	0.5	-----	0.0	1.2	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

BUTLER MEMORIAL HOSPITAL

Medicare Provider Number: 390168

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.7 years
Proportion female	56.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	36.4 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	10.4 %
Admitted for emergency	60.8 %

COMORBIDITIES:	
Cancer	7.4 %
Chronic cardiovascular disease	40.4 %
Chronic liver disease	0.9 %
Chronic renal disease	3.7 %
Chronic pulmonary disease	15.4 %
Cerebrovascular degeneration	2.9 %
Diabetes mellitus	5.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	90.0%
State	9.1%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	261
Occupancy Rate	69.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	39.5 %
Case Mix Index (CMI)	1.1205
STAFFING:	
Total Number of Physicians	79
Percent of Physicians Board Certified Specialists	82.3 %
Medical Residents/Interns	0
Registered Nurses	245
Licensed Practical Nurses	22

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

CANONSBURG GENERAL HOSPITAL

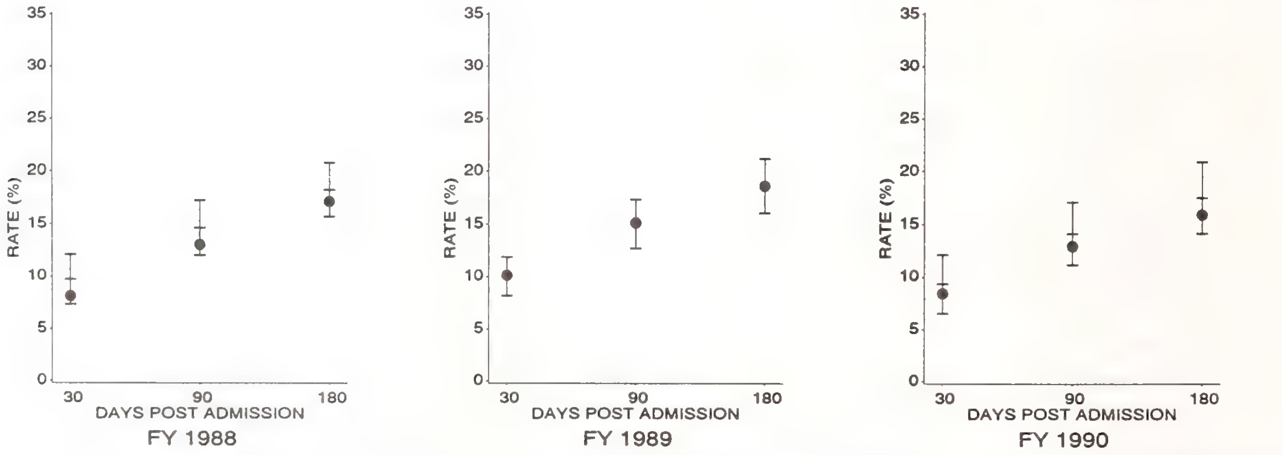
RD 1 & ROUTE 519, BOX 147
CANONSBURG, PA 15317
Medicare Provider Number: 390160

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1431	8.4	9.3	1.4	12.9	14.1	1.5	15.9	17.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	54	25.9	25.5	8.9	31.5	28.6	8.2	33.3	31.3	7.1
Congestive Heart Failure	80	13.7	13.8	3.9	17.5	21.9	6.1	20.0	27.6	7.6
Pneumonia/Influenza	106	11.3	15.7	5.5	21.7	22.1	4.3	24.5	26.2	4.5
Chronic Obstructive Pulmonary Disease	32	3.1	6.9	-----	3.1	11.8	-----	15.6	16.1	-----
Transient Cerebral Ischemia	24	4.2	2.9	-----	4.2	5.9	-----	4.2	8.7	-----
Stroke	52	15.4	17.9	5.8	25.0	25.4	6.9	30.8	29.6	8.4
Hip Fracture	29	3.4	5.7	-----	10.3	9.8	-----	17.2	13.0	-----
Sepsis	27	33.3	26.9	-----	40.7	34.8	-----	48.1	39.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	3.7	-----	0.0	7.2	-----	0.0	10.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	0.0	2.3	-----	4.5	3.9	-----	9.1	5.2	-----
Open Reduction of Hip Fracture	18	0.0	5.0	-----	5.6	9.1	-----	11.1	12.2	-----
Prostatectomy	22	0.0	0.9	-----	0.0	2.1	-----	0.0	3.3	-----
Cholecystectomy	23	4.3	2.6	-----	4.3	5.4	-----	4.3	7.7	-----
Hysterectomy	7	0.0	0.9	-----	0.0	2.1	-----	14.3	3.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CANONSBURG GENERAL HOSPITAL
Medicare Provider Number: 390160

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.8 years
Proportion female	57.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	26.4 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	13.0 %
Admitted for emergency	14.0 %

COMORBIDITIES:	
Cancer	5.9 %
Chronic cardiovascular disease	40.6 %
Chronic liver disease	1.2 %
Chronic renal disease	4.8 %
Chronic pulmonary disease	19.6 %
Cerebrovascular degeneration	6.6 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	84.7%
State	13.9%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	120
Occupancy Rate	84.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	58.4 %
Case Mix Index (CMI)	1.1779
STAFFING:	
Total Number of Physicians	68
Percent of Physicians Board Certified Specialists	70.6 %
Medical Residents/Interns	0
Registered Nurses	109
Licensed Practical Nurses	7

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

CARBONDALE GENERAL HOSPITAL

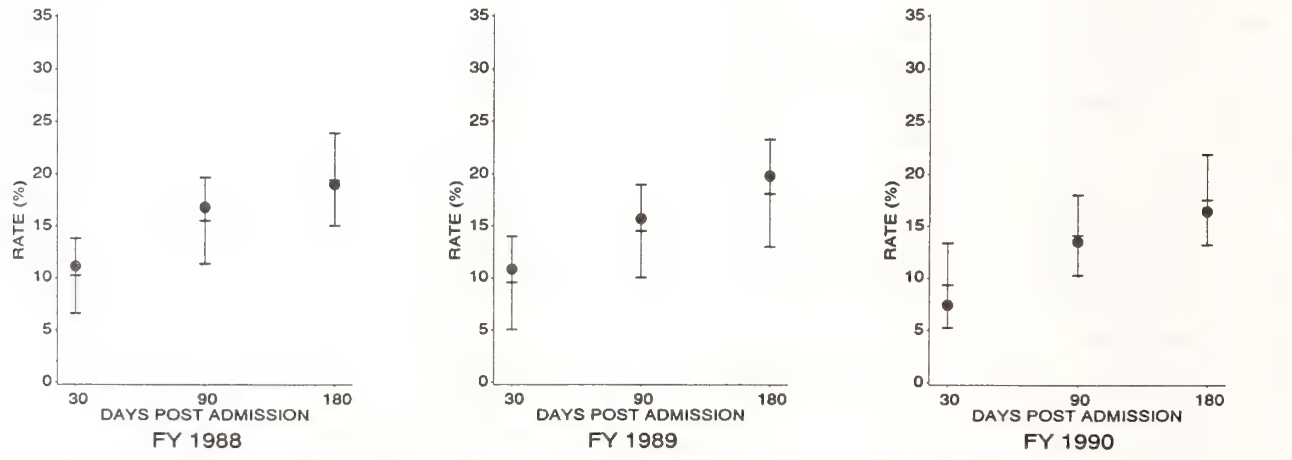
185 FALLBROOK ST
CARBONDALE, PA 18407
Medicare Provider Number: 390092

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	377	7.4	9.3	2.0	13.5	14.1	1.9	16.4	17.5	2.2
CONDITIONS:										
Acute Myocardial Infarction	12	8.3	23.5	-----	8.3	26.1	-----	8.3	28.3	-----
Congestive Heart Failure	23	26.1	14.1	-----	39.1	22.4	-----	47.8	28.5	-----
Pneumonia/Influenza	18	11.1	14.3	-----	22.2	19.2	-----	27.8	22.9	-----
Chronic Obstructive Pulmonary Disease	11	9.1	8.8	-----	18.2	15.0	-----	18.2	19.7	-----
Transient Cerebral Ischemia	6	0.0	2.0	-----	0.0	4.7	-----	0.0	8.0	-----
Stroke	12	8.3	18.4	-----	16.7	24.7	-----	16.7	28.2	-----
Hip Fracture	8	0.0	4.7	-----	0.0	8.1	-----	0.0	10.8	-----
Sepsis	5	40.0	20.5	-----	60.0	32.0	-----	60.0	38.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	3.7	-----	0.0	8.5	-----	0.0	13.1	-----
Carotid Endarterectomy	1	0.0	1.7	-----	0.0	3.0	-----	0.0	3.8	-----
Hip Replacement/Reconstruction	2	0.0	4.5	-----	0.0	7.6	-----	0.0	10.5	-----
Open Reduction of Hip Fracture	4	0.0	3.9	-----	0.0	7.0	-----	0.0	9.5	-----
Prostatectomy	12	0.0	1.1	-----	8.3	2.5	-----	8.3	4.3	-----
Cholecystectomy	28	0.0	1.1	-----	0.0	1.8	-----	0.0	2.4	-----
Hysterectomy	1	0.0	0.3	-----	0.0	0.6	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CARBONDALE GENERAL HOSPITAL

Medicare Provider Number: 390092

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.4 years	Cancer	5.8 %
Proportion female	53.6 %	Chronic cardiovascular disease	34.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.3 %
Referred by personal or HMO physician	34.2 %	Chronic renal disease	0.8 %
Transferred from skilled nursing facility	1.1 %	Chronic pulmonary disease	11.1 %
Admitted for elective procedure	13.0 %	Cerebrovascular degeneration	3.2 %
Admitted for emergency	57.0 %	Diabetes mellitus	10.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	70.6%	Hospital	9.7 Days
State	24.2%	State	9.2 Days
Outside State	5.2%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	63	Burn Unit	No
Occupancy Rate	38.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	53.0 %	Hospice Care	No
Case Mix Index (CMI)	1.1102	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	41	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	75.6 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	Yes
Registered Nurses	37	Rehabilitation	No
Licensed Practical Nurses	12	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

CARLISLE HOSPITAL

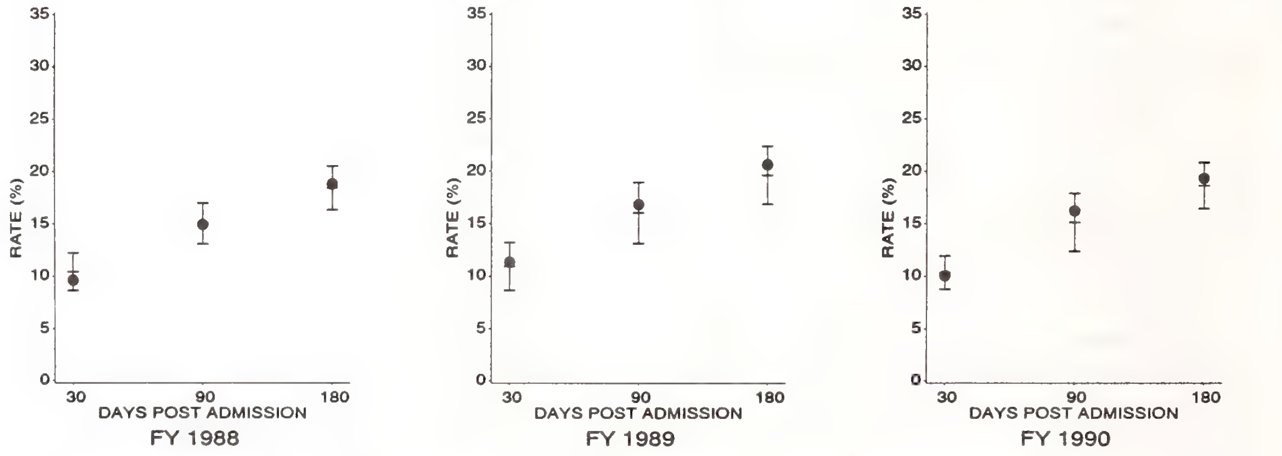
246 PARKER ST
CARLISLE, PA 17013
Medicare Provider Number: 390058

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1668	10.0	10.3	0.8	16.2	15.1	1.4	19.3	18.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	85	28.2	30.8	5.3	35.3	33.5	5.3	37.6	36.3	5.5
Congestive Heart Failure	101	7.9	14.6	5.6	19.8	22.2	5.4	22.8	28.2	6.5
Pneumonia/Influenza	71	11.3	16.1	6.3	19.7	22.0	6.3	26.8	25.9	5.8
Chronic Obstructive Pulmonary Disease	27	7.4	7.9	-----	11.1	13.6	-----	18.5	17.7	-----
Transient Cerebral Ischemia	4	25.0	1.5	-----	25.0	3.5	-----	25.0	6.2	-----
Stroke	77	19.5	21.2	5.8	31.2	27.4	7.2	31.2	31.1	5.9
Hip Fracture	65	9.2	6.3	5.6	15.4	11.5	6.2	21.5	15.1	7.7
Sepsis	20	20.0	28.7	-----	30.0	36.5	-----	40.0	40.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.9	-----	0.0	7.6	-----	11.1	10.9	-----
Carotid Endarterectomy	4	0.0	0.9	-----	0.0	1.7	-----	0.0	2.8	-----
Hip Replacement/Reconstruction	43	7.0	3.5	-----	11.6	6.7	-----	14.0	8.9	-----
Open Reduction of Hip Fracture	28	10.7	6.6	-----	17.9	12.4	-----	28.6	16.7	-----
Prostatectomy	46	2.2	1.1	-----	2.2	2.7	-----	6.5	4.6	-----
Cholecystectomy	46	2.2	2.6	-----	2.2	4.5	-----	6.5	6.0	-----
Hysterectomy	16	0.0	0.4	-----	0.0	1.1	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

CARLISLE HOSPITAL

Medicare Provider Number: 390058

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	52.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.4 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	15.5 %
Admitted for emergency	51.1 %

COMORBIDITIES:

Cancer	8.2 %
Chronic cardiovascular disease	32.4 %
Chronic liver disease	1.0 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	13.4 %
Cerebrovascular degeneration	5.7 %
Diabetes mellitus	7.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.0%
State	18.2%
Outside State	1.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	207
Occupancy Rate	49.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.5 %
Case Mix Index (CMI)	1.2882

STAFFING:

Total Number of Physicians	85
Percent of Physicians Board Certified Specialists	82.4 %
Medical Residents/Interns	0
Registered Nurses	158
Licensed Practical Nurses	62

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

CARON HOSPITAL

GALEN HALL ROAD, BOX 277
WERNERSVILLE, PA 19565
Medicare Provider Number: 390275

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	16	0.0	0.4	-----	6.3	1.0	-----	6.3	1.8	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

CARON HOSPITAL

Medicare Provider Number: 390275

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	67.6 years
Proportion female	31.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	100.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	100.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	18.8 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	12.5 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	0.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	50.0%
State	36.4%
Outside State	13.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	251
Occupancy Rate	64.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	0.7 %
Case Mix Index (CMI)	0.5834

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	2

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

CENTRAL MEDICAL CENTER HOSPITAL

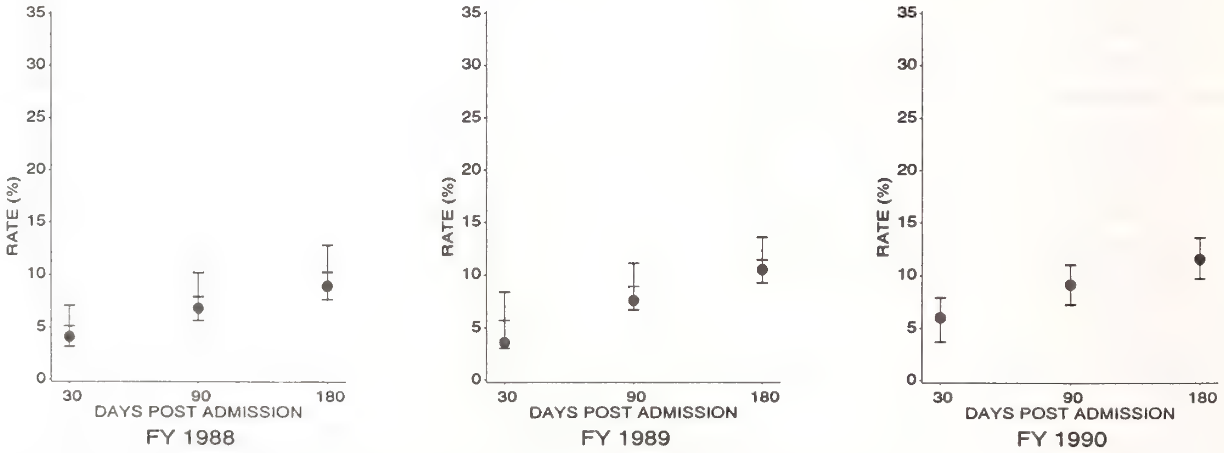
1200 CENTRE AVE
PITTSBURGH, PA 15219
Medicare Provider Number: 390262

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1074	6.0	5.8	1.1	9.1	9.1	0.9	11.5	11.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	20	40.0	25.6	-----	45.0	28.7	-----	45.0	31.7	-----
Congestive Heart Failure	38	13.2	13.6	-----	23.7	21.7	-----	26.3	27.3	-----
Pneumonia/Influenza	24	25.0	17.4	-----	29.2	23.5	-----	33.3	27.4	-----
Chronic Obstructive Pulmonary Disease	11	9.1	11.3	-----	18.2	19.7	-----	27.3	25.1	-----
Transient Cerebral Ischemia	16	0.0	2.7	-----	12.5	5.7	-----	25.0	8.7	-----
Stroke	20	15.0	15.5	-----	20.0	20.8	-----	20.0	24.2	-----
Hip Fracture	13	15.4	6.8	-----	15.4	11.8	-----	23.1	15.2	-----
Sepsis	1	0.0	15.7	-----	0.0	18.3	-----	0.0	21.9	-----
PROCEDURES:										
Angioplasty	87	5.7	2.1	4.0	5.7	2.9	4.1	5.7	3.7	4.3
Coronary Artery Bypass Graft	91	5.5	4.4	3.3	9.9	6.8	3.7	11.0	7.9	3.8
Initial Pacemaker Insertion	7	0.0	4.1	-----	0.0	6.5	-----	0.0	8.3	-----
Carotid Endarterectomy	1	0.0	0.7	-----	0.0	1.5	-----	0.0	2.5	-----
Hip Replacement/Reconstruction	4	25.0	1.5	-----	25.0	3.0	-----	50.0	4.7	-----
Open Reduction of Hip Fracture	7	14.3	5.7	-----	14.3	9.9	-----	14.3	12.6	-----
Prostatectomy	14	0.0	0.6	-----	0.0	1.6	-----	0.0	2.9	-----
Cholecystectomy	10	0.0	4.1	-----	10.0	7.9	-----	10.0	11.0	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.3	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

CENTRAL MEDICAL CENTER HOSPITAL

Medicare Provider Number: 390262

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	72.2 years
Proportion female	51.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	51.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	51.2 %
Admitted for emergency	34.3 %

COMORBIDITIES:	
Cancer	5.0 %
Chronic cardiovascular disease	41.4 %
Chronic liver disease	0.6 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	11.3 %
Cerebrovascular degeneration	2.5 %
Diabetes mellitus	12.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	62.9%
State	27.4%
Outside State	9.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	135
Occupancy Rate	56.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.3 %
Case Mix Index (CMI)	1.6675
STAFFING:	
Total Number of Physicians	128
Percent of Physicians Board Certified Specialists	78.1 %
Medical Residents/Interns	6
Registered Nurses	132
Licensed Practical Nurses	37

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

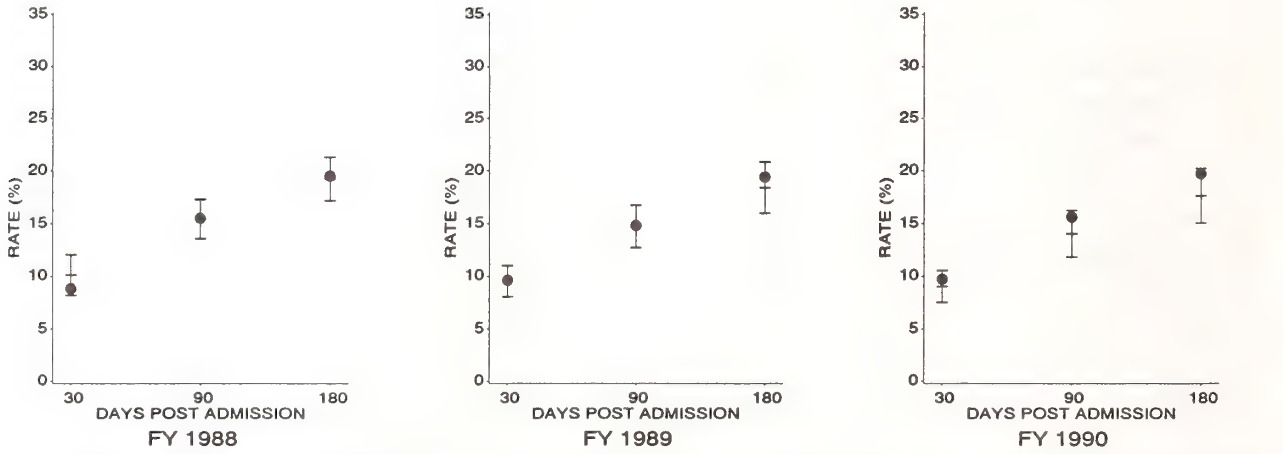
CENTRE COMMUNITY HOSPITAL
1800 E PARK AVE
STATE COLLEGE, PA 16803
Medicare Provider Number: 390268

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1653	9.7	9.0	0.8	15.6	14.0	1.1	19.7	17.6	1.3
CONDITIONS:										
Acute Myocardial Infarction	81	30.9	25.8	7.2	35.8	28.7	7.8	38.3	31.5	7.4
Congestive Heart Failure	108	13.9	12.6	4.7	19.4	20.5	4.0	28.7	26.6	5.0
Pneumonia/Influenza	72	12.5	13.1	4.8	22.2	18.6	5.4	27.8	22.2	6.7
Chronic Obstructive Pulmonary Disease	50	0.0	5.7	-----	10.0	11.1	-----	16.0	15.5	-----
Transient Cerebral Ischemia	21	0.0	1.7	-----	0.0	3.6	-----	4.8	5.8	-----
Stroke	70	18.6	17.7	8.5	35.7	24.6	8.1	37.1	28.5	8.2
Hip Fracture	48	14.6	5.9	-----	18.7	10.4	-----	18.7	13.9	-----
Sepsis	22	13.6	15.3	-----	18.2	20.5	-----	22.7	24.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	4.1	-----	6.3	8.1	-----	12.5	11.5	-----
Carotid Endarterectomy	9	0.0	1.9	-----	0.0	3.6	-----	0.0	5.3	-----
Hip Replacement/Reconstruction	34	8.8	4.2	-----	11.8	7.7	-----	14.7	10.5	-----
Open Reduction of Hip Fracture	16	0.0	4.8	-----	0.0	8.7	-----	0.0	11.7	-----
Prostatectomy	50	2.0	1.0	-----	2.0	2.1	-----	2.0	3.5	-----
Cholecystectomy	39	5.1	1.6	-----	5.1	2.9	-----	5.1	3.7	-----
Hysterectomy	14	0.0	0.6	-----	0.0	1.6	-----	7.1	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

CENTRE COMMUNITY HOSPITAL

Medicare Provider Number: 390268

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.0 years	Cancer	8.5 %
Proportion female	57.2 %	Chronic cardiovascular disease	34.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.8 %
Referred by personal or HMO physician	85.4 %	Chronic renal disease	3.8 %
Transferred from skilled nursing facility	1.9 %	Chronic pulmonary disease	16.2 %
Admitted for elective procedure	11.6 %	Cerebrovascular degeneration	3.6 %
Admitted for emergency	76.6 %	Diabetes mellitus	10.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	83.6%	Hospital	8.7 Days
State	14.1%	State	9.2 Days
Outside State	2.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	191	Burn Unit	No
Occupancy Rate	62.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	35.9 %	Hospice Care	Yes
Case Mix Index (CMI)	1.1863	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	130	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	90.0 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	179	Alcohol/Drug	No
Licensed Practical Nurses	61	Rehabilitation	No
		Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

CHAMBERSBURG HOSPITAL

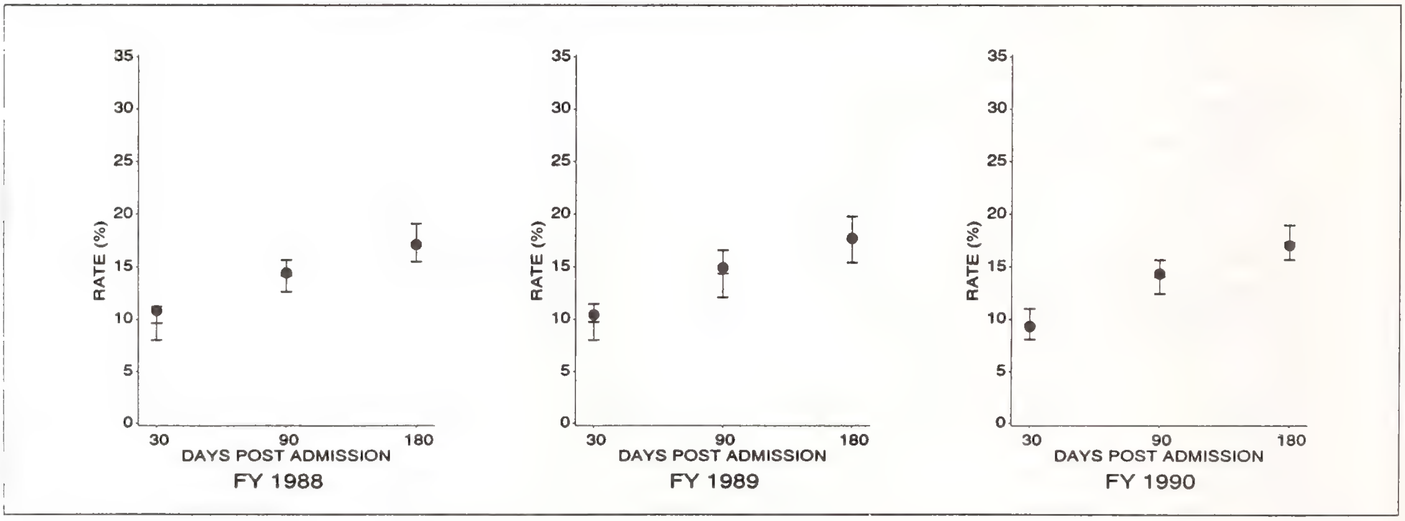
112 N 7 ST, BOX 187
CHAMBERSBURG, PA 17201
Medicare Provider Number: 390151

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2206	9.3	9.5	0.7	14.3	14.0	0.8	17.0	17.3	0.8
CONDITIONS:										
Acute Myocardial Infarction	89	31.5	23.9	6.2	33.7	27.2	7.0	37.1	30.1	6.7
Congestive Heart Failure	110	12.7	14.1	3.6	23.6	22.7	5.1	27.3	29.2	4.7
Pneumonia/Influenza	109	11.9	16.3	4.6	21.1	22.3	4.2	24.8	26.3	4.8
Chronic Obstructive Pulmonary Disease	43	9.3	12.1	-----	14.0	20.0	-----	16.3	25.2	-----
Transient Cerebral Ischemia	37	2.7	1.6	-----	5.4	3.6	-----	8.1	5.9	-----
Stroke	89	9.0	20.7	6.1	18.0	25.7	5.6	19.1	29.1	6.1
Hip Fracture	83	2.4	7.2	4.4	10.8	12.6	5.9	14.5	16.1	6.4
Sepsis	21	23.8	23.5	-----	28.6	30.3	-----	28.6	34.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	41	2.4	3.2	-----	4.9	5.9	-----	4.9	8.4	-----
Carotid Endarterectomy	8	0.0	0.9	-----	0.0	1.8	-----	0.0	2.7	-----
Hip Replacement/Reconstruction	45	2.2	3.4	-----	2.2	6.6	-----	8.9	9.0	-----
Open Reduction of Hip Fracture	45	2.2	7.4	-----	11.1	12.9	-----	13.3	16.4	-----
Prostatectomy	63	4.8	0.9	4.3	4.8	2.2	4.1	4.8	3.7	4.3
Cholecystectomy	66	1.5	1.9	1.7	3.0	3.5	2.6	3.0	4.8	3.4
Hysterectomy	19	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CHAMBERSBURG HOSPITAL
Medicare Provider Number: 390151

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	57.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	28.9 %
Transferred from skilled nursing facility	3.4 %
Admitted for elective procedure	14.4 %
Admitted for emergency	63.1 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	34.9 %
Chronic liver disease	0.5 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	15.1 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	8.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	79.1%
State	19.0%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	217
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.3 %
Case Mix Index (CMI)	1.2709

STAFFING:

Total Number of Physicians	95
Percent of Physicians Board Certified Specialists	80.0 %
Medical Residents/Interns	0
Registered Nurses	198
Licensed Practical Nurses	121

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

CHARLES COLE MEMORIAL HOSPITAL

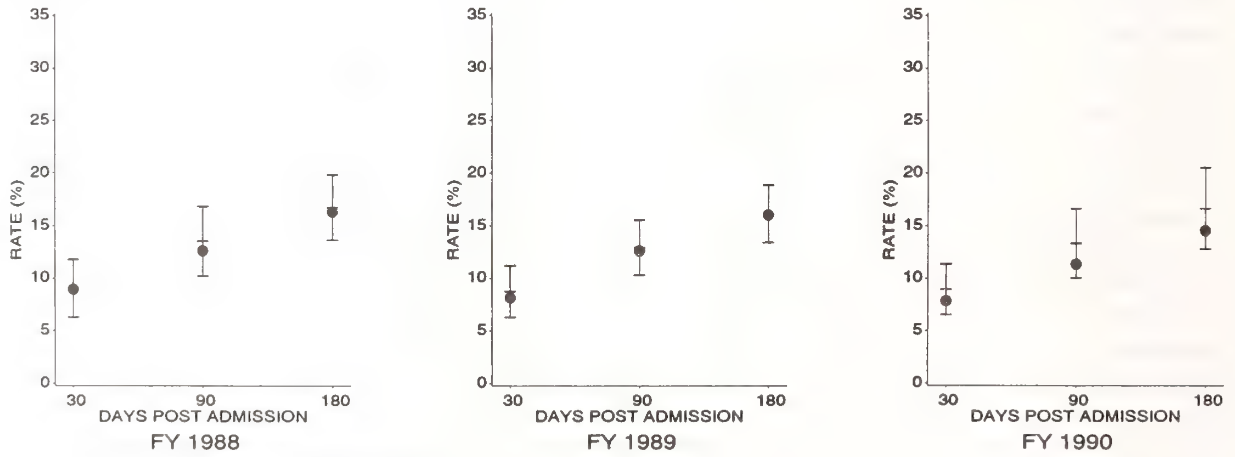
RD 3
COUDERSPORT, PA 16915
Medicare Provider Number: 390246

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	871	7.8	8.9	1.2	11.3	13.3	1.7	14.5	16.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	38	18.4	22.7	-----	21.1	25.7	-----	31.6	28.7	-----
Congestive Heart Failure	48	8.3	15.4	-----	18.8	24.8	-----	22.9	31.6	-----
Pneumonia/Influenza	50	8.0	14.7	-----	12.0	20.6	-----	14.0	24.6	-----
Chronic Obstructive Pulmonary Disease	26	7.7	10.6	-----	11.5	17.4	-----	23.1	22.4	-----
Transient Cerebral Ischemia	12	8.3	2.2	-----	8.3	4.9	-----	8.3	8.0	-----
Stroke	24	12.5	19.8	-----	12.5	25.3	-----	12.5	28.7	-----
Hip Fracture	20	0.0	4.8	-----	5.0	8.3	-----	5.0	10.9	-----
Sepsis	18	33.3	31.8	-----	44.4	39.4	-----	50.0	44.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	24	0.0	2.3	-----	4.2	4.3	-----	4.2	6.1	-----
Open Reduction of Hip Fracture	9	0.0	5.5	-----	0.0	9.8	-----	0.0	12.7	-----
Prostatectomy	40	2.5	1.2	-----	2.5	3.0	-----	2.5	4.9	-----
Cholecystectomy	16	0.0	1.8	-----	6.3	3.0	-----	12.5	3.9	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

CHARLES COLE MEMORIAL HOSPITAL

Medicare Provider Number: 390246

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	54.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.0 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	17.1 %
Admitted for emergency	31.6 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	29.4 %
Chronic liver disease	1.4 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	15.6 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	9.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	45.4%
State	49.4%
Outside State	5.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	135
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.8 %
Case Mix Index (CMI)	1.2061

STAFFING:

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	80.8 %
Medical Residents/Interns	0
Registered Nurses	61
Licensed Practical Nurses	27

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

CHESTER COUNTY HOSPITAL

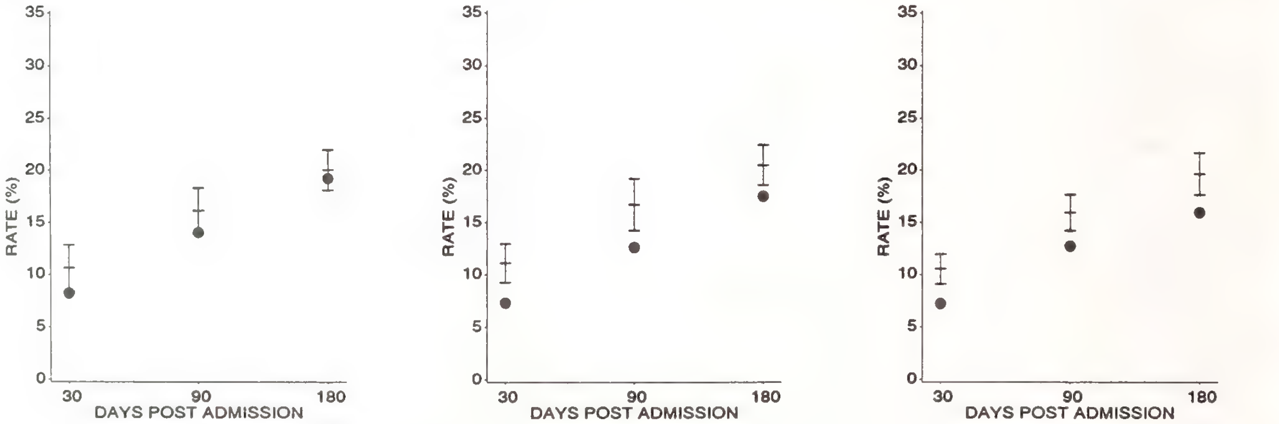
701 EAST MARSHALL ST
WEST CHESTER, PA 19380
Medicare Provider Number: 390179

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	2133	7.2	10.5	0.7	12.7	15.9	0.9	15.9	19.6	1.0
CONDITIONS:										
Acute Myocardial Infarction	47	19.1	23.2	-----	23.4	27.1	-----	23.4	30.1	-----
Congestive Heart Failure	117	12.8	15.7	5.6	24.8	24.4	6.4	29.1	30.7	5.9
Pneumonia/Influenza	101	11.9	16.2	5.1	20.8	22.5	4.5	27.7	26.6	4.8
Chronic Obstructive Pulmonary Disease	74	1.4	9.6	4.8	8.1	16.5	5.5	16.2	21.4	5.8
Transient Cerebral Ischemia	47	0.0	1.7	-----	2.1	3.9	-----	6.4	6.3	-----
Stroke	83	12.0	20.1	5.6	14.5	26.2	6.9	20.5	29.8	6.5
Hip Fracture	84	2.4	7.0	5.2	4.8	12.7	8.2	6.0	16.7	10.6
Sepsis	41	7.3	18.6	-----	14.6	26.6	-----	14.6	31.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	25	0.0	3.5	-----	0.0	6.6	-----	8.0	9.6	-----
Carotid Endarterectomy	3	0.0	1.7	-----	0.0	2.9	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	38	0.0	4.6	-----	0.0	8.6	-----	0.0	11.4	-----
Open Reduction of Hip Fracture	55	3.6	5.8	5.8	7.3	10.9	8.8	7.3	14.9	9.1
Prostatectomy	57	0.0	1.0	1.4	1.8	2.4	2.3	1.8	4.2	3.1
Cholecystectomy	40	2.5	2.2	-----	5.0	3.9	-----	5.0	5.0	-----
Hysterectomy	19	0.0	0.3	-----	0.0	0.8	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

CHESTER COUNTY HOSPITAL
Medicare Provider Number: 390179

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	58.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	26.6 %
Transferred from skilled nursing facility	9.1 %
Admitted for elective procedure	17.3 %
Admitted for emergency	23.6 %

COMORBIDITIES:

Cancer	8.3 %
Chronic cardiovascular disease	34.2 %
Chronic liver disease	0.7 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	15.7 %
Cerebrovascular degeneration	4.7 %
Diabetes mellitus	12.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.7%
State	7.0%
Outside State	5.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	250
Occupancy Rate	66.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	31.8 %
Case Mix Index (CMI)	1.2457

STAFFING:

Total Number of Physicians	195
Percent of Physicians Board Certified Specialists	73.3 %
Medical Residents/Interns	0
Registered Nurses	273
Licensed Practical Nurses	40

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

CHESTNUT HILL HOSPITAL

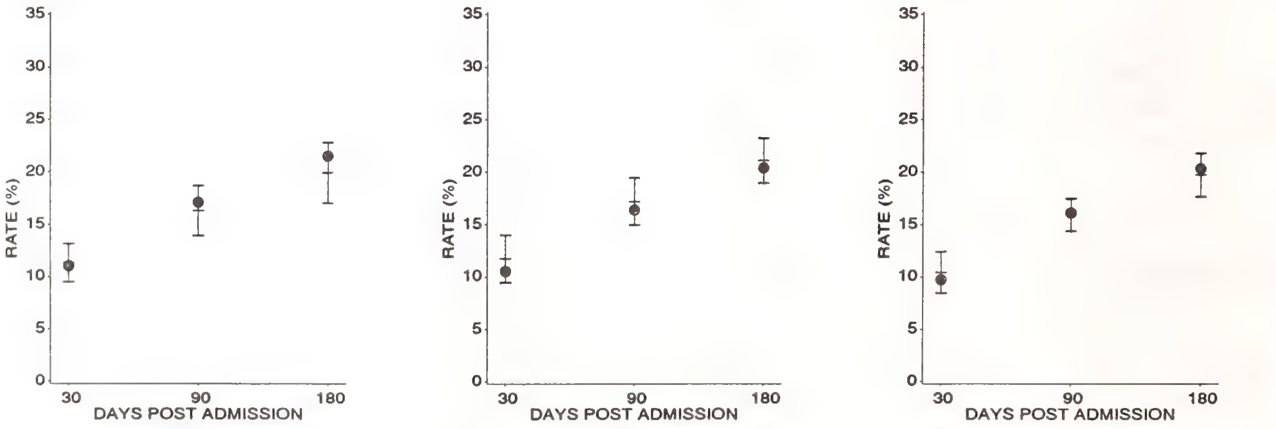
8835 GERMANTOWN AVE
PHILADELPHIA, PA 19118
Medicare Provider Number: 390026

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2248	9.7	10.4	1.0	16.1	15.9	0.8	20.3	19.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	57	15.8	24.7	8.1	17.5	28.3	8.9	19.3	31.2	9.7
Congestive Heart Failure	129	10.9	15.0	3.7	25.6	23.9	4.1	29.5	30.3	4.5
Pneumonia/Influenza	79	15.2	17.9	4.9	20.3	24.1	6.4	26.6	28.4	6.9
Chronic Obstructive Pulmonary Disease	23	8.7	6.8	-----	17.4	12.1	-----	21.7	16.4	-----
Transient Cerebral Ischemia	43	0.0	1.7	-----	2.3	3.9	-----	2.3	6.3	-----
Stroke	109	25.7	21.6	8.3	36.7	28.3	10.1	40.4	32.4	9.7
Hip Fracture	92	3.3	6.4	3.9	8.7	11.5	4.8	12.0	15.0	5.7
Sepsis	34	29.4	26.5	-----	50.0	35.2	-----	50.0	40.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	26	11.5	4.5	-----	11.5	8.6	-----	15.4	12.5	-----
Carotid Endarterectomy	5	0.0	1.0	-----	0.0	1.8	-----	0.0	2.9	-----
Hip Replacement/Reconstruction	50	0.0	3.7	-----	6.0	7.3	-----	10.0	9.9	-----
Open Reduction of Hip Fracture	57	5.3	5.9	3.2	8.8	10.7	4.5	10.5	14.1	5.5
Prostatectomy	85	1.2	0.7	1.0	2.4	1.6	1.5	3.5	2.8	2.1
Cholecystectomy	25	4.0	4.4	-----	8.0	8.2	-----	12.0	10.8	-----
Hysterectomy	15	0.0	0.2	-----	0.0	0.6	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

CHESTNUT HILL HOSPITAL
Medicare Provider Number: 390026

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.8 years
Proportion female	61.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	36.7 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	16.1 %
Admitted for emergency	82.3 %

COMORBIDITIES:	
Cancer	9.7 %
Chronic cardiovascular disease	30.5 %
Chronic liver disease	1.2 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	9.9 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	58.6%
State	38.7%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	188
Occupancy Rate	83.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.8 %
Case Mix Index (CMI)	1.3170
STAFFING:	
Total Number of Physicians	234
Percent of Physicians Board Certified Specialists	78.2 %
Medical Residents/Interns	19
Registered Nurses	215
Licensed Practical Nurses	1

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

CITIZENS GENERAL HOSPITAL

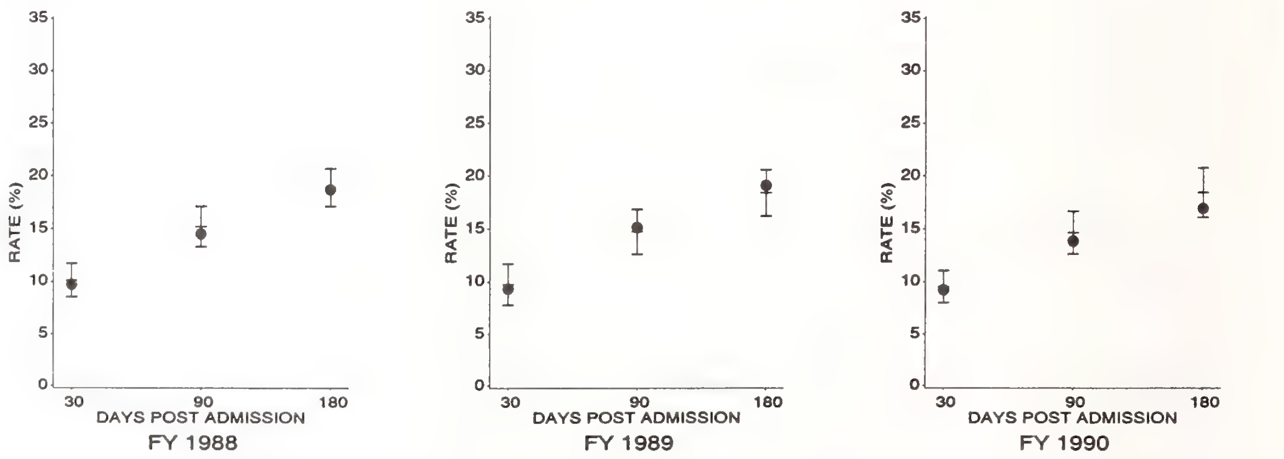
651 FOURTH AVE
NEW KENSINGTON, PA 15068
Medicare Provider Number: 390018

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2198	9.2	9.5	0.8	13.8	14.6	1.0	16.9	18.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	75	32.0	25.9	6.7	33.3	29.2	6.9	33.3	32.1	6.2
Congestive Heart Failure	170	17.1	14.5	4.0	27.1	22.8	6.1	31.8	29.2	6.4
Pneumonia/Influenza	105	13.3	15.2	4.0	21.0	21.0	4.1	22.9	25.0	4.7
Chronic Obstructive Pulmonary Disease	41	0.0	6.3	-----	9.8	11.8	-----	12.2	16.2	-----
Transient Cerebral Ischemia	44	2.3	1.3	-----	4.5	3.2	-----	6.8	5.5	-----
Stroke	109	23.9	18.9	4.6	29.4	25.8	5.0	31.2	29.8	4.5
Hip Fracture	48	8.3	6.8	-----	10.4	12.4	-----	20.8	16.3	-----
Sepsis	31	12.9	24.6	-----	22.6	32.8	-----	32.3	37.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	2.5	-----	16.7	5.3	-----	16.7	8.1	-----
Carotid Endarterectomy	4	0.0	1.4	-----	25.0	2.6	-----	25.0	3.7	-----
Hip Replacement/Reconstruction	28	7.1	3.5	-----	10.7	6.6	-----	21.4	9.1	-----
Open Reduction of Hip Fracture	24	4.2	5.9	-----	4.2	11.0	-----	4.2	14.6	-----
Prostatectomy	77	0.0	1.4	2.0	0.0	3.4	4.0	1.3	5.7	5.1
Cholecystectomy	42	0.0	3.3	-----	0.0	6.6	-----	7.1	9.3	-----
Hysterectomy	16	0.0	0.2	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CITIZENS GENERAL HOSPITAL
Medicare Provider Number: 390018

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.4 years
Proportion female	53.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	27.5 %
Transferred from skilled nursing facility	1.9 %
Admitted for elective procedure	11.1 %
Admitted for emergency	31.0 %

COMORBIDITIES:	
Cancer	8.8 %
Chronic cardiovascular disease	35.1 %
Chronic liver disease	1.1 %
Chronic renal disease	4.0 %
Chronic pulmonary disease	17.2 %
Cerebrovascular degeneration	5.1 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	64.6%
State	34.3%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	203
Occupancy Rate	60.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.8 %
Case Mix Index (CMI)	1.2191
STAFFING:	
Total Number of Physicians	85
Percent of Physicians Board Certified Specialists	84.7 %
Medical Residents/Interns	0
Registered Nurses	170
Licensed Practical Nurses	21

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

CLARION HOSPITAL

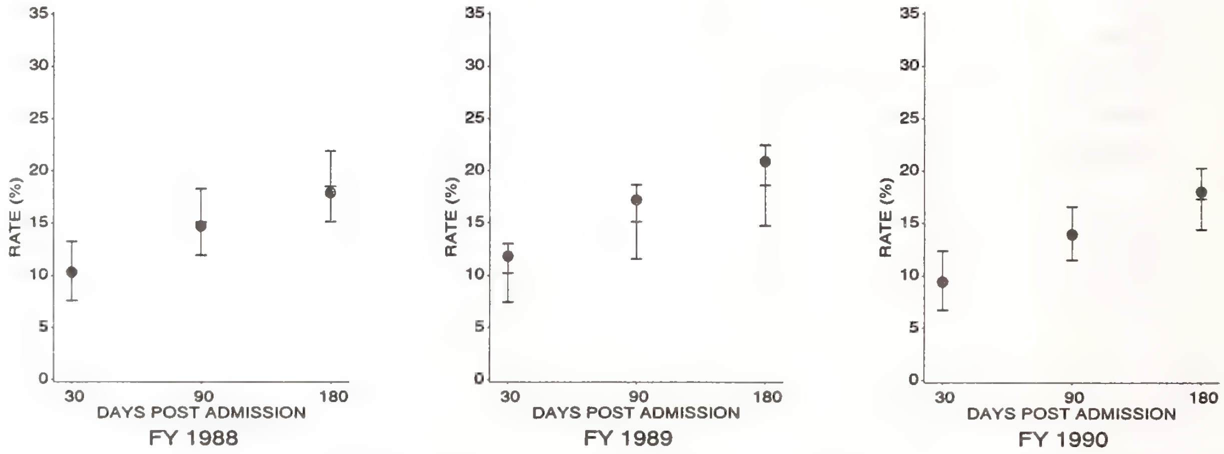
ONE HOSPITAL DR
CLARION, PA 16214
Medicare Provider Number: 390093

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	799	9.4	9.5	1.4	13.9	14.0	1.3	18.0	17.3	1.5
CONDITIONS:										
Acute Myocardial Infarction	27	25.9	23.3	-----	29.6	25.8	-----	33.3	28.5	-----
Congestive Heart Failure	40	15.0	13.0	-----	27.5	20.7	-----	30.0	26.5	-----
Pneumonia/Influenza	51	17.6	16.8	5.5	17.6	22.9	7.2	21.6	26.7	7.4
Chronic Obstructive Pulmonary Disease	17	23.5	10.3	-----	29.4	17.7	-----	29.4	23.5	-----
Transient Cerebral Ischemia	35	0.0	1.8	-----	5.7	4.3	-----	8.6	7.2	-----
Stroke	22	22.7	24.5	-----	22.7	30.9	-----	27.3	34.9	-----
Hip Fracture	19	5.3	9.1	-----	15.8	15.6	-----	15.8	19.7	-----
Sepsis	15	20.0	33.1	-----	33.3	41.2	-----	53.3	46.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	1.9	-----	18.2	3.9	-----	18.2	6.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	2.6	-----	14.3	4.8	-----	14.3	6.2	-----
Open Reduction of Hip Fracture	13	7.7	9.4	-----	15.4	16.0	-----	15.4	20.2	-----
Prostatectomy	1	0.0	3.2	-----	0.0	8.8	-----	0.0	15.8	-----
Cholecystectomy	13	7.7	2.5	-----	7.7	4.6	-----	15.4	6.5	-----
Hysterectomy	1	0.0	0.2	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



CLARION HOSPITAL

Medicare Provider Number: 390093

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	57.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	5.4 %
Admitted for emergency	60.5 %

COMORBIDITIES:

Cancer	5.5 %
Chronic cardiovascular disease	45.2 %
Chronic liver disease	0.8 %
Chronic renal disease	3.5 %
Chronic pulmonary disease	15.3 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	75.8%
State	22.6%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	88
Occupancy Rate	53.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.0 %
Case Mix Index (CMI)	1.0704

STAFFING:

Total Number of Physicians	28
Percent of Physicians Board Certified Specialists	67.9 %
Medical Residents/Interns	4
Registered Nurses	73
Licensed Practical Nurses	30

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

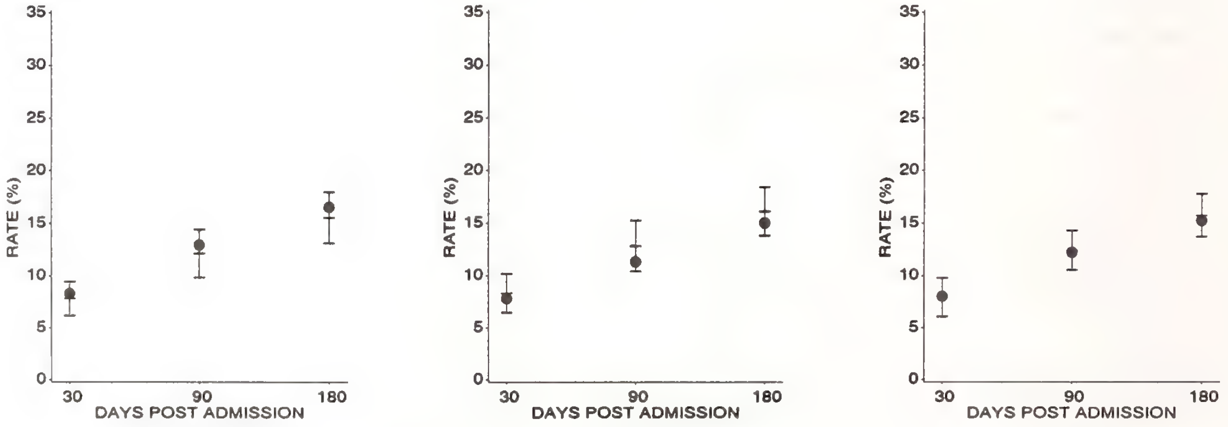
CLEARFIELD HOSPITAL
809 TURNPIKE AVE
CLEARFIELD, PA 16830
Medicare Provider Number: 390052

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1456	8.0	7.9	0.9	12.2	12.4	0.9	15.2	15.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	42	21.4	20.9	-----	28.6	24.6	-----	28.6	27.9	-----
Congestive Heart Failure	82	15.9	14.4	4.2	24.4	22.7	4.8	32.9	28.7	6.4
Pneumonia/Influenza	47	23.4	16.8	-----	27.7	24.1	-----	34.0	28.3	-----
Chronic Obstructive Pulmonary Disease	26	7.7	6.6	-----	15.4	12.7	-----	19.2	17.5	-----
Transient Cerebral Ischemia	36	5.6	2.4	-----	5.6	5.3	-----	5.6	8.3	-----
Stroke	69	17.4	17.3	5.2	24.6	24.5	5.4	24.6	28.7	7.2
Hip Fracture	26	0.0	4.8	-----	3.8	8.6	-----	3.8	11.6	-----
Sepsis	25	24.0	23.5	-----	40.0	31.9	-----	40.0	36.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.6	-----	12.5	5.1	-----	12.5	7.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	25	0.0	2.8	-----	0.0	5.5	-----	0.0	7.8	-----
Open Reduction of Hip Fracture	9	0.0	3.3	-----	0.0	5.9	-----	0.0	8.1	-----
Prostatectomy	48	2.1	0.8	-----	2.1	1.7	-----	2.1	2.9	-----
Cholecystectomy	32	3.1	2.1	-----	6.3	3.8	-----	6.3	5.2	-----
Hysterectomy	19	0.0	0.7	-----	0.0	1.6	-----	0.0	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

CLEARFIELD HOSPITAL
Medicare Provider Number: 390052

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.9 years
Proportion female	57.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.4 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	14.4 %
Admitted for emergency	1.0 %

COMORBIDITIES:

Cancer	6.6 %
Chronic cardiovascular disease	42.0 %
Chronic liver disease	1.1 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	21.6 %
Cerebrovascular degeneration	4.1 %
Diabetes mellitus	10.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.9%
State	6.5%
Outside State	0.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	113
Occupancy Rate	73.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.0 %
Case Mix Index (CMI)	1.1219

STAFFING:

Total Number of Physicians	40
Percent of Physicians Board Certified Specialists	70.0 %
Medical Residents/Interns	0
Registered Nurses	152
Licensed Practical Nurses	41

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

COALDALE STATE GENERAL HOSPITAL

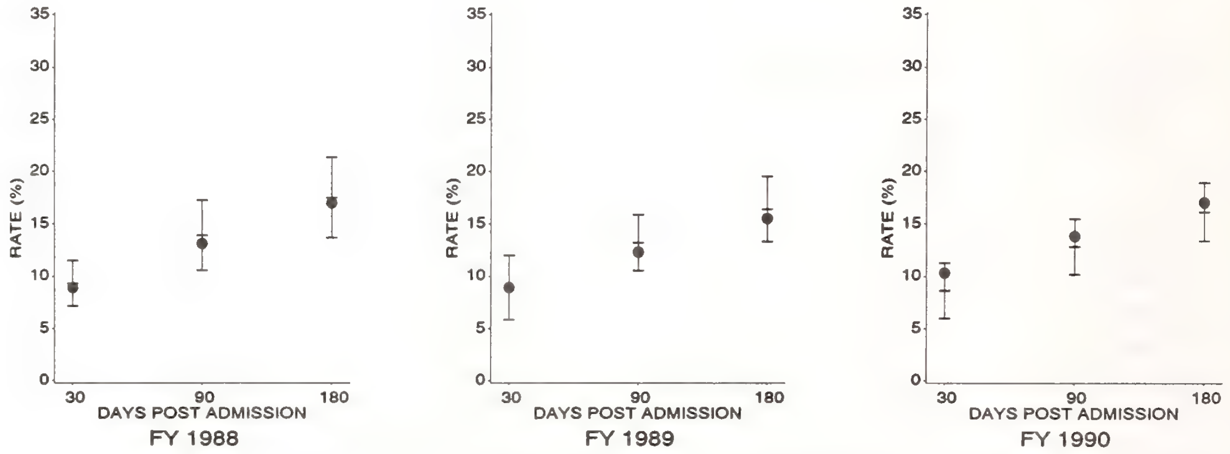
7TH STREET
COALDALE, PA 18218
Medicare Provider Number: 390183

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	853	10.3	8.6	1.3	13.8	12.8	1.3	17.0	16.1	1.4
CONDITIONS:										
Acute Myocardial Infarction	40	30.0	33.0	-----	32.5	35.6	-----	32.5	38.7	-----
Congestive Heart Failure	63	15.9	13.5	4.8	19.0	21.6	5.6	27.0	27.8	6.1
Pneumonia/Influenza	43	20.9	14.3	-----	23.3	19.5	-----	25.6	23.2	-----
Chronic Obstructive Pulmonary Disease	11	0.0	8.2	-----	0.0	14.3	-----	0.0	19.1	-----
Transient Cerebral Ischemia	35	5.7	1.5	-----	5.7	3.5	-----	5.7	5.8	-----
Stroke	40	25.0	18.7	-----	27.5	24.7	-----	37.5	28.7	-----
Hip Fracture	15	13.3	7.3	-----	13.3	12.4	-----	13.3	15.7	-----
Sepsis	3	66.7	34.6	-----	66.7	44.1	-----	100.0	49.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	4.9	-----	0.0	9.6	-----	0.0	13.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	9.0	-----	14.3	15.5	-----	14.3	19.6	-----
Open Reduction of Hip Fracture	5	0.0	4.6	-----	0.0	8.3	-----	0.0	11.0	-----
Prostatectomy	16	0.0	1.7	-----	0.0	3.7	-----	6.3	5.9	-----
Cholecystectomy	13	0.0	3.1	-----	0.0	5.4	-----	0.0	6.6	-----
Hysterectomy	3	0.0	0.8	-----	0.0	1.8	-----	0.0	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



COALDALE STATE GENERAL HOSPITAL

Medicare Provider Number: 390183

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.1 years	Cancer	6.6 %
Proportion female	62.3 %	Chronic cardiovascular disease	46.9 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.9 %
Referred by personal or HMO physician	49.4 %	Chronic renal disease	1.5 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	17.2 %
Admitted for elective procedure	49.2 %	Cerebrovascular degeneration	3.8 %
Admitted for emergency	45.5 %	Diabetes mellitus	9.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	63.6%	Hospital	9.2 Days
State	35.6%	State	9.2 Days
Outside State	0.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	135	Burn Unit	No
Occupancy Rate	69.0 %	Cardiac Intensive Care	No
Ownership/Control	State Government	Comprehensive Geriatric	No
Medicare Discharges	59.3 %	Hospice Care	No
Case Mix Index (CMI)	1.1013	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	57	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	59.6 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	81	Rehabilitation	No
Licensed Practical Nurses	9	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

COLUMBIA HOSPITAL

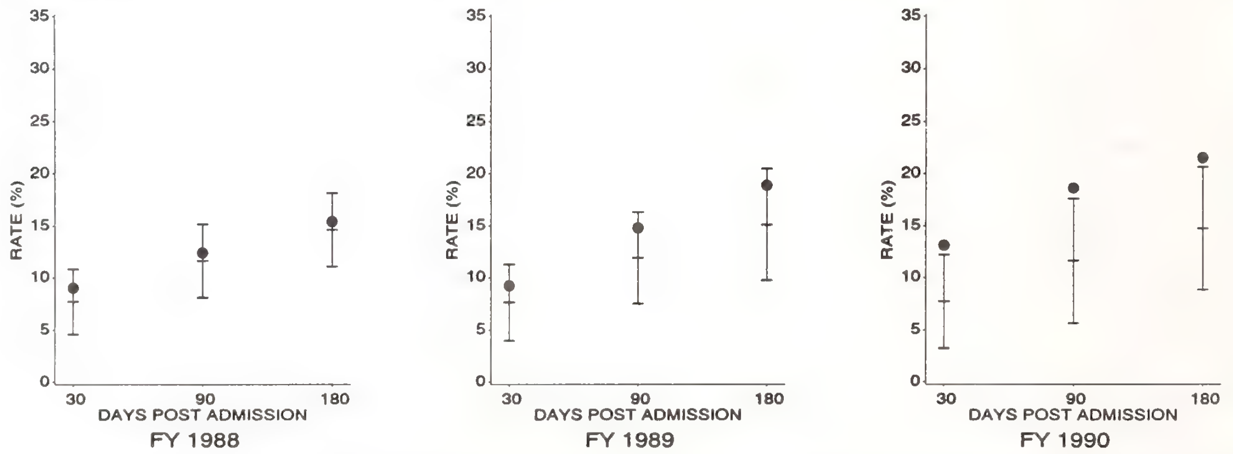
7TH & POPLAR STS
COLUMBIA, PA 17512
Medicare Provider Number: 390200

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	404	13.1	7.7	2.2	18.6	11.6	3.0	21.5	14.7	3.0
CONDITIONS:										
Acute Myocardial Infarction	15	20.0	23.0	-----	20.0	25.9	-----	20.0	28.4	-----
Congestive Heart Failure	21	23.8	13.0	-----	28.6	21.1	-----	33.3	27.1	-----
Pneumonia/Influenza	14	14.3	13.8	-----	21.4	18.9	-----	28.6	22.6	-----
Chronic Obstructive Pulmonary Disease	9	0.0	5.5	-----	11.1	10.0	-----	22.2	13.7	-----
Transient Cerebral Ischemia	6	0.0	0.9	-----	0.0	2.0	-----	0.0	3.2	-----
Stroke	15	46.7	18.3	-----	46.7	23.9	-----	53.3	27.7	-----
Hip Fracture	9	0.0	6.8	-----	11.1	12.0	-----	22.2	15.2	-----
Sepsis	4	0.0	31.2	-----	0.0	36.0	-----	0.0	39.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	4.5	-----	0.0	8.1	-----	0.0	10.5	-----
Open Reduction of Hip Fracture	2	0.0	7.4	-----	0.0	14.4	-----	50.0	18.5	-----
Prostatectomy	5	0.0	0.8	-----	0.0	1.9	-----	0.0	3.4	-----
Cholecystectomy	8	12.5	2.3	-----	12.5	3.9	-----	12.5	5.4	-----
Hysterectomy	4	25.0	2.8	-----	25.0	6.0	-----	25.0	9.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



COLUMBIA HOSPITAL
Medicare Provider Number: 390200

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.2 years
Proportion female	61.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	55.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	55.0 %
Admitted for emergency	42.1 %

COMORBIDITIES:	
Cancer	4.5 %
Chronic cardiovascular disease	31.9 %
Chronic liver disease	0.2 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	14.4 %
Cerebrovascular degeneration	0.7 %
Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	76.2%
State	22.6%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	76
Occupancy Rate	61.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	31.9 %
Case Mix Index (CMI)	1.0154
STAFFING:	
Total Number of Physicians	24
Percent of Physicians Board Certified Specialists	70.8 %
Medical Residents/Interns	0
Registered Nurses	28
Licensed Practical Nurses	37

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

COMMUNITY GENERAL HOSPITAL

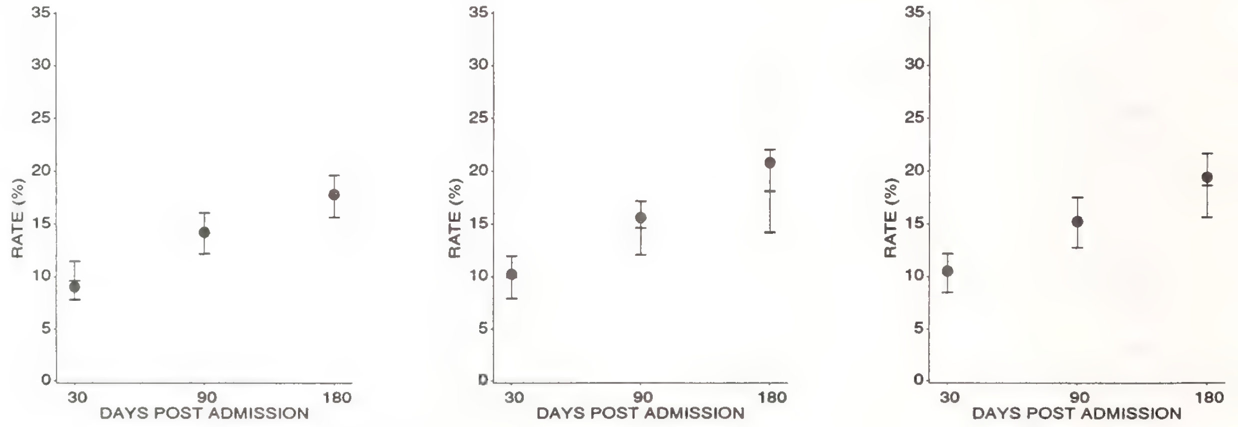
145 N 6TH ST
READING, PA 19601
Medicare Provider Number: 390096

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1308	10.5	10.3	0.9	15.2	15.1	1.2	19.4	18.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	39	30.8	31.9	-----	33.3	35.3	-----	33.3	38.4	-----
Congestive Heart Failure	80	11.2	17.1	6.8	16.2	26.6	8.8	22.5	33.2	9.0
Pneumonia/Influenza	57	21.1	19.7	6.3	31.6	26.4	7.3	33.3	30.8	6.8
Chronic Obstructive Pulmonary Disease	7	14.3	8.8	-----	14.3	15.7	-----	28.6	20.4	-----
Transient Cerebral Ischemia	25	0.0	1.5	-----	4.0	3.5	-----	4.0	5.8	-----
Stroke	53	28.3	23.5	8.4	35.8	30.5	11.4	45.3	34.5	13.5
Hip Fracture	27	14.8	8.3	-----	18.5	14.6	-----	18.5	18.8	-----
Sepsis	15	26.7	27.8	-----	33.3	35.6	-----	40.0	41.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	5.5	-----	12.5	8.4	-----	12.5	10.6	-----
Carotid Endarterectomy	4	0.0	1.0	-----	0.0	2.1	-----	0.0	3.4	-----
Hip Replacement/Reconstruction	12	8.3	4.6	-----	16.7	8.9	-----	16.7	11.9	-----
Open Reduction of Hip Fracture	17	11.8	8.6	-----	11.8	15.2	-----	11.8	19.6	-----
Prostatectomy	44	2.3	1.3	-----	6.8	3.2	-----	6.8	5.4	-----
Cholecystectomy	29	3.4	2.5	-----	3.4	4.9	-----	6.9	6.8	-----
Hysterectomy	15	0.0	0.7	-----	0.0	1.6	-----	0.0	2.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

COMMUNITY GENERAL HOSPITAL

Medicare Provider Number: 390096

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.1 years
Proportion female	59.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	35.5 %
Transferred from skilled nursing facility	4.4 %
Admitted for elective procedure	14.8 %
Admitted for emergency	50.2 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	33.2 %
Chronic liver disease	1.3 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	16.6 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	95.7%
State	3.3%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	166
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.4 %
Case Mix Index (CMI)	1.2005

STAFFING:

Total Number of Physicians	115
Percent of Physicians Board Certified Specialists	60.0 %
Medical Residents/Interns	5
Registered Nurses	120
Licensed Practical Nurses	53

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

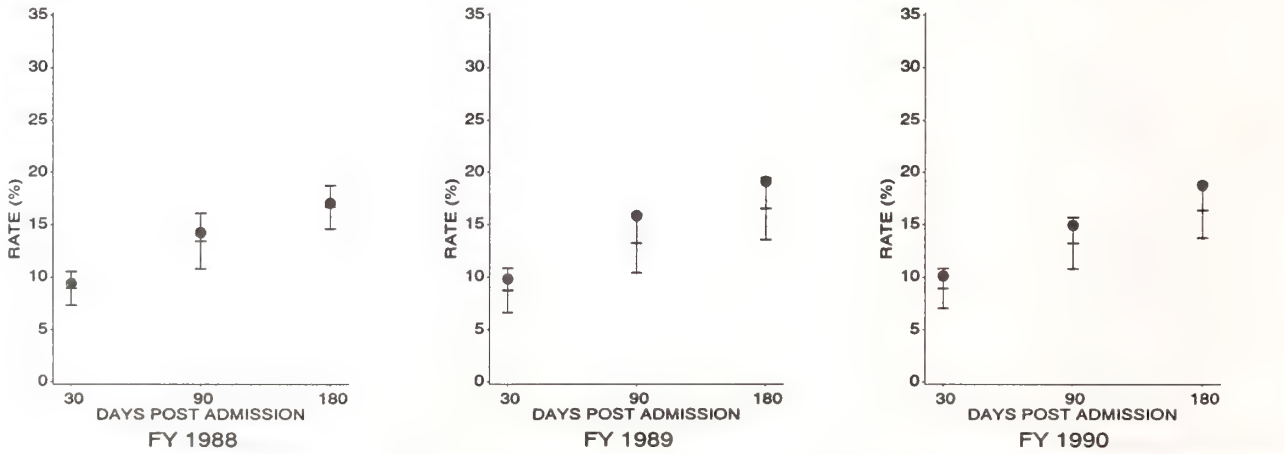
COMMUNITY GENERAL OSTEOPATHIC HOSPITAL
4300 LONDONDERRY RD
HARRISBURG, PA 17109
Medicare Provider Number: 390206

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1746	10.1	8.9	0.9	14.9	13.2	1.2	18.7	16.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	49	38.8	27.9	-----	40.8	30.2	-----	42.9	32.6	-----
Congestive Heart Failure	102	13.7	14.9	3.9	23.5	23.5	4.3	29.4	29.9	4.6
Pneumonia/Influenza	72	20.8	16.2	5.0	23.6	21.9	6.6	31.9	25.8	7.3
Chronic Obstructive Pulmonary Disease	35	11.4	9.5	-----	14.3	15.5	-----	20.0	19.8	-----
Transient Cerebral Ischemia	26	3.8	1.6	-----	3.8	3.5	-----	3.8	5.7	-----
Stroke	70	34.3	22.6	6.4	37.1	27.4	6.4	41.4	30.9	6.9
Hip Fracture	59	8.5	6.6	4.7	11.9	11.8	5.5	18.6	15.5	6.4
Sepsis	35	45.7	29.2	-----	62.9	36.1	-----	71.4	41.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	4.8	4.1	-----	14.3	7.0	-----	14.3	9.5	-----
Carotid Endarterectomy	7	0.0	1.0	-----	0.0	1.9	-----	0.0	2.7	-----
Hip Replacement/Reconstruction	58	3.4	4.4	2.8	5.2	7.9	4.2	10.3	10.5	4.1
Open Reduction of Hip Fracture	28	10.7	5.4	-----	14.3	9.6	-----	17.9	12.8	-----
Prostatectomy	87	0.0	1.0	-----	0.0	2.3	-----	1.1	3.9	-----
Cholecystectomy	36	8.3	5.4	-----	11.1	8.1	-----	13.9	9.6	-----
Hysterectomy	7	0.0	0.4	-----	0.0	0.8	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



COMMUNITY GENERAL OSTEOPATHIC HOSPITAL
Medicare Provider Number: 390206

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.8 years
Proportion female	56.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	44.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	24.2 %
Admitted for emergency	47.7 %

COMORBIDITIES:

Cancer	6.6 %
Chronic cardiovascular disease	36.9 %
Chronic liver disease	0.6 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	16.0 %
Cerebrovascular degeneration	3.3 %
Diabetes mellitus	8.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	74.0%
State	24.0%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	157
Occupancy Rate	68.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.9 %
Case Mix Index (CMI)	1.2962

STAFFING:

Total Number of Physicians	132
Percent of Physicians Board Certified Specialists	68.9 %
Medical Residents/Interns	26
Registered Nurses	136
Licensed Practical Nurses	26

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

COMMUNITY HOSPITAL

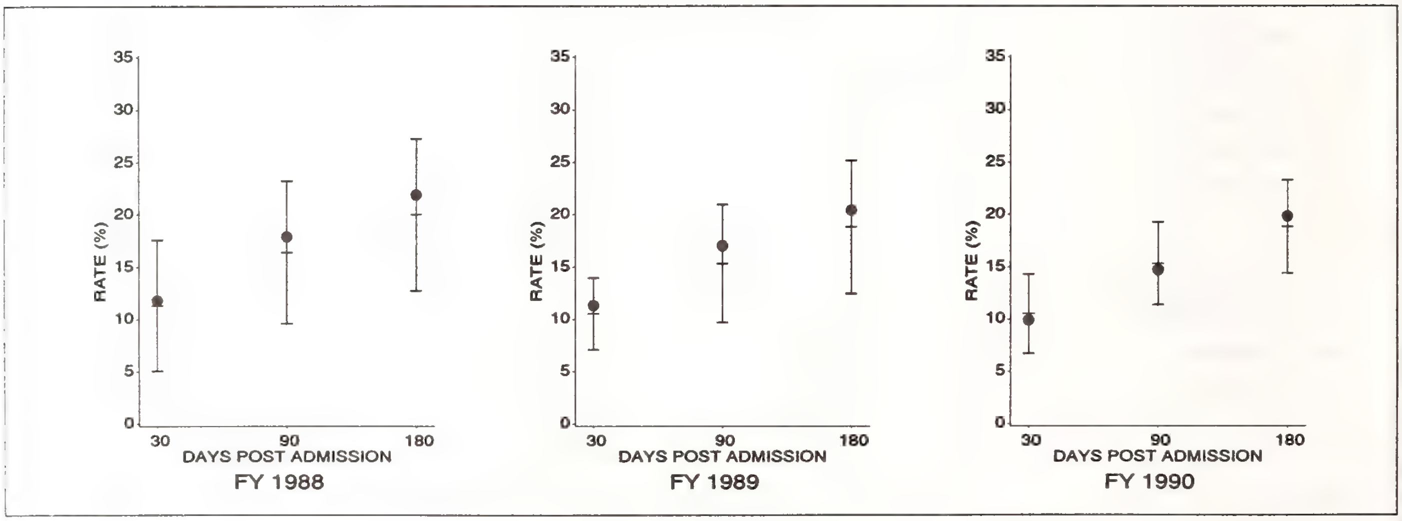
NORTH FRALEY STREET
KANE, PA 16735
Medicare Provider Number: 390104

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	434	9.9	10.5	1.9	14.7	15.3	2.0	19.8	18.8	2.2
CONDITIONS:										
Acute Myocardial Infarction	15	40.0	29.4	-----	46.7	32.8	-----	46.7	35.5	-----
Congestive Heart Failure	31	25.8	15.1	-----	32.3	23.8	-----	38.7	30.4	-----
Pneumonia/Influenza	24	8.3	13.5	-----	12.5	18.5	-----	12.5	21.7	-----
Chronic Obstructive Pulmonary Disease	11	18.2	7.7	-----	27.3	13.7	-----	27.3	18.3	-----
Transient Cerebral Ischemia	15	0.0	2.5	-----	13.3	5.4	-----	13.3	8.6	-----
Stroke	12	16.7	18.9	-----	33.3	24.8	-----	33.3	28.6	-----
Hip Fracture	6	0.0	5.5	-----	16.7	10.4	-----	16.7	14.1	-----
Sepsis	15	20.0	29.1	-----	26.7	36.3	-----	40.0	40.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	4.1	-----	0.0	8.1	-----	0.0	11.2	-----
Open Reduction of Hip Fracture	3	0.0	4.9	-----	0.0	8.9	-----	0.0	11.5	-----
Prostatectomy	10	0.0	1.0	-----	10.0	2.6	-----	20.0	4.6	-----
Cholecystectomy	7	0.0	2.7	-----	0.0	4.4	-----	0.0	5.4	-----
Hysterectomy	1	0.0	0.3	-----	0.0	0.9	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



COMMUNITY HOSPITAL

Medicare Provider Number: 390104

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.1 years
Proportion female	59.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	17.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	5.8 %
Admitted for emergency	0.7 %

COMORBIDITIES:

Cancer	3.5 %
Chronic cardiovascular disease	53.9 %
Chronic liver disease	0.7 %
Chronic renal disease	3.9 %
Chronic pulmonary disease	18.4 %
Cerebrovascular degeneration	6.0 %
Diabetes mellitus	9.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	73.9%
State	24.0%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	53
Occupancy Rate	52.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	52.3 %
Case Mix Index (CMI)	1.1711

STAFFING:

Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	63.6 %
Medical Residents/Interns	0
Registered Nurses	35
Licensed Practical Nurses	10

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

COMMUNITY HOSPITAL OF LANCASTER

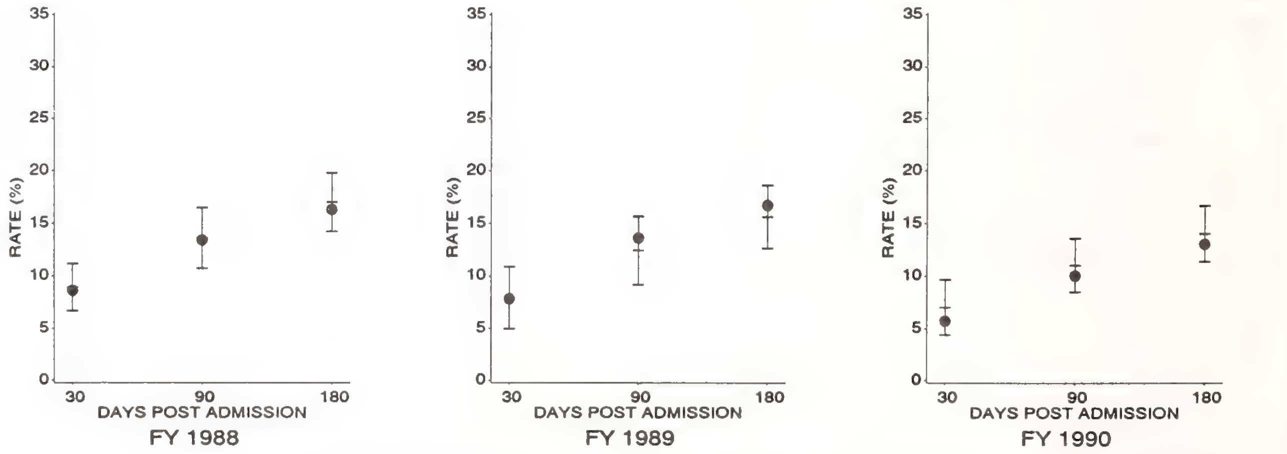
1100 EAST ORANGE STREET
LANCASTER, PA 17604
Medicare Provider Number: 390068

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1165	5.7	7.0	1.3	10.0	11.0	1.3	13.0	14.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	22	27.3	25.3	-----	31.8	28.3	-----	31.8	30.9	-----
Congestive Heart Failure	46	13.0	12.4	-----	17.4	19.7	-----	19.6	25.8	-----
Pneumonia/Influenza	46	10.9	14.7	-----	10.9	20.1	-----	15.2	24.0	-----
Chronic Obstructive Pulmonary Disease	13	15.4	7.8	-----	23.1	13.5	-----	23.1	18.3	-----
Transient Cerebral Ischemia	34	2.9	2.6	-----	5.9	5.4	-----	8.8	8.5	-----
Stroke	34	11.8	20.3	-----	20.6	26.7	-----	20.6	30.4	-----
Hip Fracture	23	0.0	6.3	-----	4.3	11.3	-----	4.3	15.0	-----
Sepsis	3	0.0	27.2	-----	33.3	43.8	-----	33.3	51.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	13.3	2.9	-----	13.3	5.6	-----	13.3	7.9	-----
Carotid Endarterectomy	3	0.0	1.5	-----	0.0	2.7	-----	0.0	3.9	-----
Hip Replacement/Reconstruction	28	0.0	2.8	-----	0.0	5.2	-----	0.0	7.2	-----
Open Reduction of Hip Fracture	10	0.0	6.2	-----	0.0	11.7	-----	0.0	15.9	-----
Prostatectomy	78	1.3	1.4	1.4	3.8	3.3	2.2	6.4	5.4	2.7
Cholecystectomy	30	3.3	2.2	-----	3.3	4.2	-----	6.7	5.7	-----
Hysterectomy	9	0.0	0.7	-----	0.0	1.6	-----	0.0	2.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

COMMUNITY HOSPITAL OF LANCASTER

Medicare Provider Number: 390068

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.6 years
Proportion female	55.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	52.2 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	24.4 %
Admitted for emergency	59.1 %

COMORBIDITIES:

Cancer	7.1 %
Chronic cardiovascular disease	41.4 %
Chronic liver disease	0.9 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	12.5 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.4%
State	10.2%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	206
Occupancy Rate	53.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	26.7 %
Case Mix Index (CMI)	1.2615

STAFFING:

Total Number of Physicians	86
Percent of Physicians Board Certified Specialists	70.9 %
Medical Residents/Interns	20
Registered Nurses	197
Licensed Practical Nurses	57

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

COMMUNITY MEDICAL CENTER

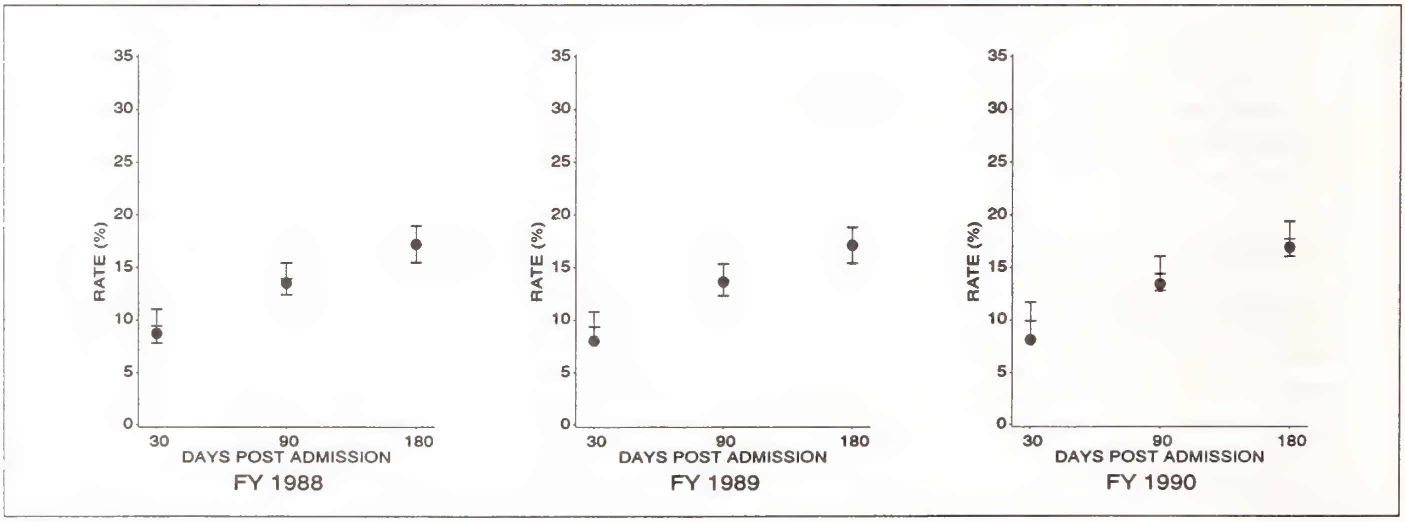
1822 MULBERRY ST
SCRANTON, PA 18510
Medicare Provider Number: 390001

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2194	8.1	9.9	0.9	13.4	14.4	0.8	16.9	17.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	70	25.7	27.1	6.1	32.9	30.0	6.6	37.1	32.5	7.4
Congestive Heart Failure	95	16.8	14.8	5.4	24.2	23.2	7.3	30.5	29.2	6.4
Pneumonia/Influenza	89	11.2	18.1	5.8	15.7	24.9	7.1	24.7	29.0	6.1
Chronic Obstructive Pulmonary Disease	38	0.0	8.7	-----	13.2	14.7	-----	15.8	19.6	-----
Transient Cerebral Ischemia	47	0.0	1.5	-----	2.1	3.3	-----	2.1	5.3	-----
Stroke	96	14.6	19.7	6.2	20.8	25.5	7.2	25.0	28.9	8.4
Hip Fracture	51	3.9	6.1	4.2	13.7	10.3	5.2	13.7	13.1	4.8
Sepsis	39	28.2	29.5	-----	43.6	37.8	-----	43.6	42.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	5.9	2.5	-----	11.8	4.7	-----	11.8	6.9	-----
Carotid Endarterectomy	10	0.0	1.3	-----	0.0	2.3	-----	0.0	3.3	-----
Hip Replacement/Reconstruction	36	2.8	2.7	-----	2.8	4.8	-----	2.8	6.3	-----
Open Reduction of Hip Fracture	28	0.0	5.3	-----	10.7	9.4	-----	10.7	12.2	-----
Prostatectomy	48	0.0	1.5	-----	2.1	3.0	-----	4.2	4.6	-----
Cholecystectomy	55	3.6	3.3	2.6	7.3	5.8	4.2	9.1	7.5	5.3
Hysterectomy	30	0.0	0.6	-----	0.0	1.2	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

COMMUNITY MEDICAL CENTER

Medicare Provider Number: 390001

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.2 years
Proportion female	59.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	29.5 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	4.1 %
Admitted for emergency	50.4 %

COMORBIDITIES:	
Cancer	6.9 %
Chronic cardiovascular disease	34.4 %
Chronic liver disease	1.2 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	11.7 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	5.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	85.1%
State	12.2%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	12.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	317
Occupancy Rate	82.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	29.2 %
Case Mix Index (CMI)	1.2251
STAFFING:	
Total Number of Physicians	144
Percent of Physicians Board Certified Specialists	82.6 %
Medical Residents/Interns	7
Registered Nurses	300
Licensed Practical Nurses	133

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

CONEMAUGH VALLEY MEMORIAL HOSPITAL

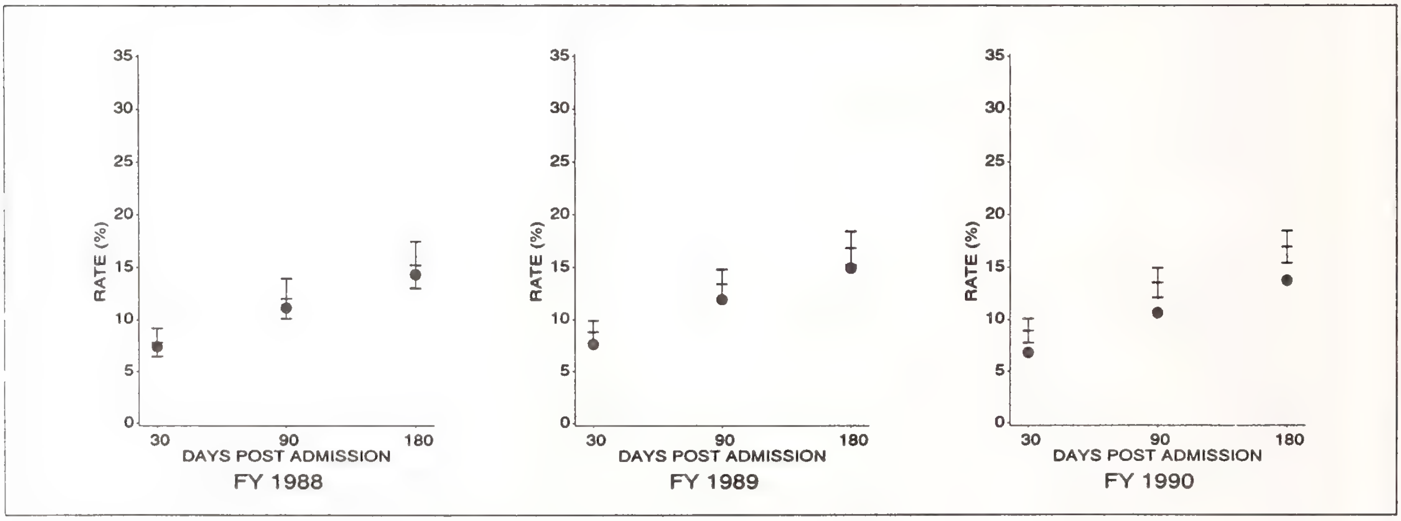
1086 FRANKLIN ST
JOHNSTOWN, PA 15905
Medicare Provider Number: 390110

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3120	6.8	8.9	0.6	10.6	13.5	0.7	13.7	16.9	0.8
CONDITIONS:										
Acute Myocardial Infarction	91	20.9	23.8	6.1	26.4	26.7	5.5	29.7	29.2	5.3
Congestive Heart Failure	202	10.9	14.1	4.3	21.8	22.6	4.5	25.7	28.8	4.0
Pneumonia/Influenza	90	6.7	16.7	5.4	11.1	22.6	6.5	14.4	26.8	6.5
Chronic Obstructive Pulmonary Disease	27	3.7	10.2	-----	3.7	18.5	-----	11.1	24.6	-----
Transient Cerebral Ischemia	81	3.7	2.6	1.9	4.9	5.3	2.8	8.6	7.8	3.2
Stroke	122	17.2	20.7	6.0	22.1	27.4	8.1	27.0	31.3	8.8
Hip Fracture	39	7.7	8.3	-----	10.3	14.1	-----	10.3	18.0	-----
Sepsis	34	14.7	24.0	-----	17.6	32.4	-----	17.6	37.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	32	6.3	3.5	-----	12.5	6.9	-----	12.5	10.1	-----
Carotid Endarterectomy	9	0.0	2.3	-----	0.0	4.2	-----	0.0	6.0	-----
Hip Replacement/Reconstruction	49	2.0	2.6	-----	2.0	4.4	-----	2.0	5.8	-----
Open Reduction of Hip Fracture	6	16.7	5.3	-----	16.7	10.3	-----	16.7	13.6	-----
Prostatectomy	106	0.0	1.2	1.5	0.0	2.7	2.9	1.9	4.4	3.7
Cholecystectomy	57	0.0	2.3	2.5	3.5	3.9	2.6	3.5	4.9	3.8
Hysterectomy	16	0.0	0.5	-----	0.0	1.3	-----	0.0	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

CONEMAUGH VALLEY MEMORIAL HOSPITAL

Medicare Provider Number: 390110

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.3 years
Proportion female	55.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	27.2 %
Transferred from skilled nursing facility	2.1 %
Admitted for elective procedure	11.9 %
Admitted for emergency	67.1 %

COMORBIDITIES:

Cancer	6.3 %
Chronic cardiovascular disease	46.0 %
Chronic liver disease	1.0 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	22.1 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	76.5%
State	22.4%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	352
Occupancy Rate	73.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.3 %
Case Mix Index (CMI)	1.2203

STAFFING:

Total Number of Physicians	186
Percent of Physicians Board Certified Specialists	77.4 %
Medical Residents/Interns	64
Registered Nurses	399
Licensed Practical Nurses	79

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

CORRY MEMORIAL HOSPITAL

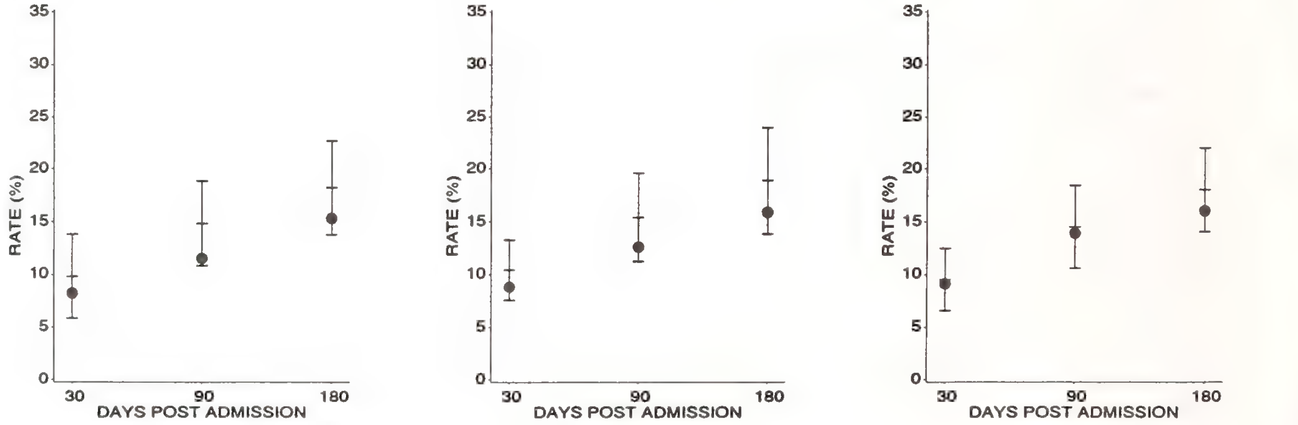
612 W SMITH ST
CORRY, PA 16407
Medicare Provider Number: 390005

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	505	9.1	9.5	1.5	13.9	14.5	2.0	16.0	18.0	2.0
CONDITIONS:										
Acute Myocardial Infarction	18	27.8	32.4	-----	33.3	37.1	-----	33.3	40.3	-----
Congestive Heart Failure	36	22.2	14.0	-----	38.9	21.8	-----	44.4	28.0	-----
Pneumonia/Influenza	43	7.0	14.4	-----	11.6	20.4	-----	16.3	24.3	-----
Chronic Obstructive Pulmonary Disease	10	0.0	5.6	-----	0.0	11.3	-----	0.0	16.6	-----
Transient Cerebral Ischemia	14	0.0	1.8	-----	0.0	3.9	-----	0.0	6.5	-----
Stroke	25	20.0	17.4	-----	24.0	23.9	-----	24.0	27.6	-----
Hip Fracture	1	0.0	4.8	-----	0.0	7.1	-----	0.0	9.7	-----
Sepsis	4	25.0	18.3	-----	50.0	25.1	-----	50.0	29.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	4.7	-----	50.0	9.4	-----	50.0	12.9	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	11	9.1	1.9	-----	9.1	3.2	-----	9.1	4.1	-----
Hysterectomy	3	0.0	0.6	-----	0.0	1.3	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

CORRY MEMORIAL HOSPITAL

Medicare Provider Number: 390005

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	57.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	39.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	6.7 %
Admitted for emergency	12.1 %

COMORBIDITIES:

Cancer	7.7 %
Chronic cardiovascular disease	45.5 %
Chronic liver disease	0.8 %
Chronic renal disease	3.2 %
Chronic pulmonary disease	15.6 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	10.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	62.9%
State	19.1%
Outside State	18.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	82
Occupancy Rate	46.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	29.2 %
Case Mix Index (CMI)	1.1258

STAFFING:

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	72.2 %
Medical Residents/Interns	0
Registered Nurses	45
Licensed Practical Nurses	8

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

CROZER CHESTER MEDICAL CENTER

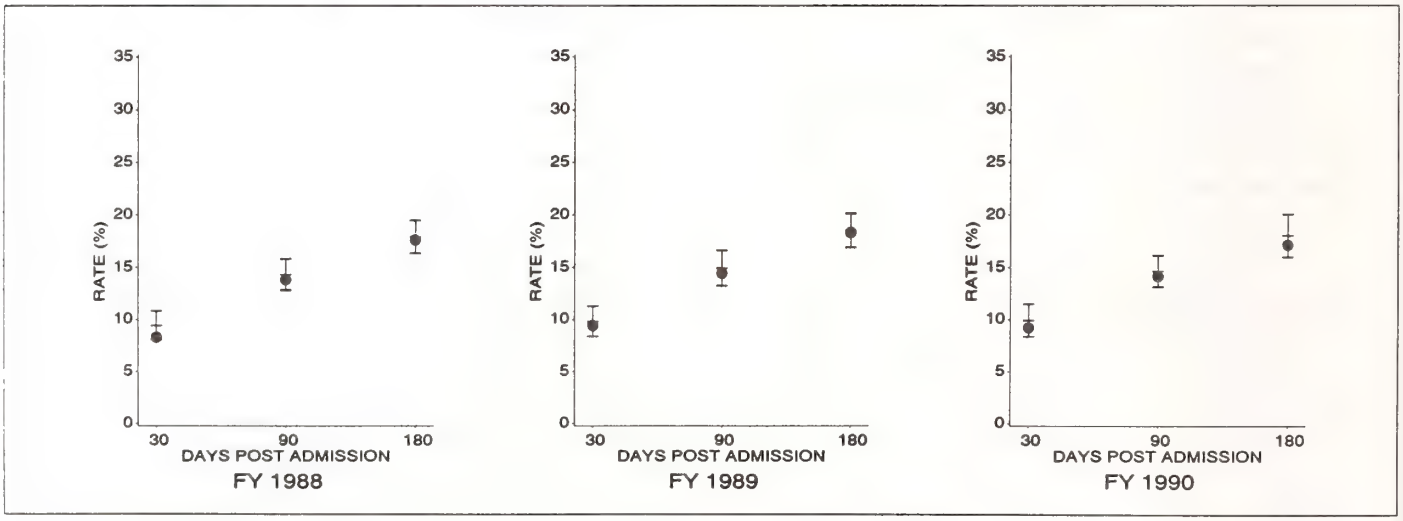
15TH ST & UPLAND AVE
UPLAND, PA 19013
Medicare Provider Number: 390180

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2575	9.2	9.9	0.8	14.1	14.6	0.8	17.1	18.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	115	17.4	25.9	6.0	23.5	29.3	5.5	23.5	32.1	6.3
Congestive Heart Failure	160	11.9	13.3	4.2	18.7	21.5	5.7	23.1	27.6	6.5
Pneumonia/Influenza	98	20.4	17.2	7.5	26.5	23.6	6.7	31.6	27.5	7.1
Chronic Obstructive Pulmonary Disease	52	3.8	9.4	6.4	11.5	16.4	7.3	15.4	21.2	7.4
Transient Cerebral Ischemia	30	3.3	1.8	-----	3.3	4.1	-----	10.0	6.6	-----
Stroke	102	19.6	20.8	4.5	21.6	26.9	5.9	24.5	30.2	6.2
Hip Fracture	38	7.9	7.3	-----	10.5	12.5	-----	13.2	15.6	-----
Sepsis	52	32.7	33.5	6.8	44.2	42.0	7.9	46.2	46.4	8.3
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	3.2	-----	10.0	6.7	-----	10.0	10.0	-----
Carotid Endarterectomy	11	0.0	1.2	-----	0.0	2.2	-----	9.1	3.3	-----
Hip Replacement/Reconstruction	28	3.6	3.9	-----	7.1	6.9	-----	14.3	9.1	-----
Open Reduction of Hip Fracture	13	15.4	7.2	-----	15.4	12.6	-----	23.1	15.8	-----
Prostatectomy	79	1.3	0.8	1.4	2.5	1.8	1.9	2.5	3.0	2.6
Cholecystectomy	43	4.7	3.5	-----	9.3	5.7	-----	9.3	7.2	-----
Hysterectomy	9	0.0	0.4	-----	0.0	0.9	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

CROZER CHESTER MEDICAL CENTER

Medicare Provider Number: 390180

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.7 years
Proportion female	55.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	38.2 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	20.6 %
Admitted for emergency	76.8 %

COMORBIDITIES:

Cancer	7.2 %
Chronic cardiovascular disease	43.6 %
Chronic liver disease	0.7 %
Chronic renal disease	7.1 %
Chronic pulmonary disease	14.7 %
Cerebrovascular degeneration	3.3 %
Diabetes mellitus	9.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.4%
State	4.9%
Outside State	7.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	458
Occupancy Rate	74.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	29.6 %
Case Mix Index (CMI)	1.2837

STAFFING:

Total Number of Physicians	338
Percent of Physicians Board Certified Specialists	67.8 %
Medical Residents/Interns	0
Registered Nurses	509
Licensed Practical Nurses	74

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

DELAWARE COUNTY MEMORIAL HOSPITAL

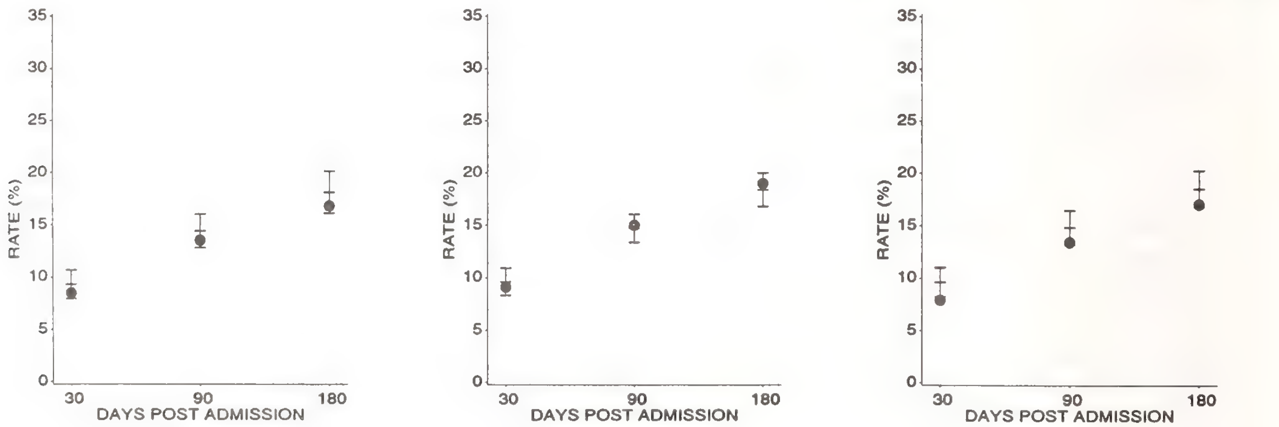
LANSDOWNE & KEYSTONE AVES
DREXEL HILL, PA 19026
Medicare Provider Number: 390081

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2946	7.9	9.6	0.7	13.4	14.8	0.8	17.0	18.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	98	10.2	22.1	6.4	16.3	25.7	6.6	20.4	28.6	6.4
Congestive Heart Failure	173	15.0	15.6	3.9	24.3	24.8	3.6	32.4	31.2	3.8
Pneumonia/Influenza	94	11.7	16.6	5.4	20.2	22.7	5.3	23.4	26.6	5.9
Chronic Obstructive Pulmonary Disease	90	4.4	12.1	5.5	15.6	20.5	5.4	25.6	26.3	5.6
Transient Cerebral Ischemia	61	1.6	2.1	2.0	1.6	4.6	3.7	1.6	7.4	5.9
Stroke	128	14.8	19.6	5.9	21.1	26.6	8.1	23.4	30.8	8.8
Hip Fracture	79	2.5	7.8	5.8	8.9	14.2	7.2	11.4	18.4	7.6
Sepsis	47	21.3	33.1	-----	31.9	42.0	-----	38.3	47.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	4.8	2.8	-----	4.8	5.8	-----	4.8	8.6	-----
Carotid Endarterectomy	18	5.6	2.1	-----	5.6	3.8	-----	5.6	5.1	-----
Hip Replacement/Reconstruction	54	1.9	3.9	3.1	7.4	7.7	3.6	11.1	10.5	4.6
Open Reduction of Hip Fracture	50	2.0	7.4	-----	10.0	13.8	-----	14.0	18.3	-----
Prostatectomy	95	0.0	1.1	1.4	2.1	2.5	2.5	2.1	4.2	3.6
Cholecystectomy	52	1.9	2.1	2.4	3.8	3.5	3.4	3.8	4.6	3.1
Hysterectomy	18	5.6	1.3	-----	16.7	3.0	-----	16.7	4.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

DELAWARE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 390081

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.8 years
Proportion female	59.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.4 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	15.7 %
Admitted for emergency	76.1 %

COMORBIDITIES:

Cancer	9.9 %
Chronic cardiovascular disease	35.1 %
Chronic liver disease	1.5 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	19.9 %
Cerebrovascular degeneration	4.1 %
Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.7%
State	10.3%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	303
Occupancy Rate	74.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.0 %
Case Mix Index (CMI)	1.2120

STAFFING:

Total Number of Physicians	238
Percent of Physicians Board Certified Specialists	81.9 %
Medical Residents/Interns	13
Registered Nurses	342
Licensed Practical Nurses	48

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

DELAWARE VALLEY MEDICAL CENTER

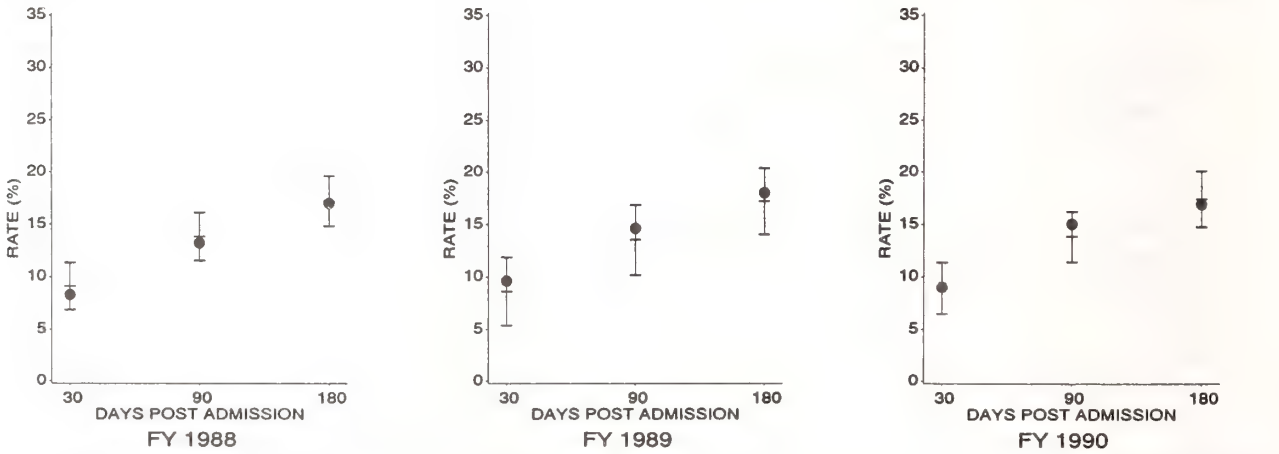
200 OXFORD VALLEY ROAD
LANGHORNE, PA 19047
Medicare Provider Number: 390069

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1128	9.0	8.9	1.2	15.0	13.8	1.2	16.9	17.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	31	35.5	26.8	-----	35.5	29.5	-----	41.9	32.4	-----
Congestive Heart Failure	82	17.1	14.0	4.3	29.3	22.7	5.3	31.7	29.0	5.6
Pneumonia/Influenza	46	8.7	12.4	-----	13.0	17.9	-----	13.0	21.8	-----
Chronic Obstructive Pulmonary Disease	20	5.0	8.3	-----	15.0	14.7	-----	15.0	19.8	-----
Transient Cerebral Ischemia	23	0.0	1.4	-----	0.0	3.3	-----	0.0	5.5	-----
Stroke	35	17.1	14.7	-----	25.7	20.0	-----	28.6	23.4	-----
Hip Fracture	22	9.1	5.9	-----	13.6	10.1	-----	13.6	13.3	-----
Sepsis	26	26.9	21.8	-----	38.5	31.4	-----	38.5	36.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	3.7	-----	10.0	7.4	-----	20.0	10.9	-----
Carotid Endarterectomy	3	0.0	1.8	-----	0.0	3.6	-----	0.0	5.2	-----
Hip Replacement/Reconstruction	13	0.0	4.0	-----	0.0	7.1	-----	0.0	9.4	-----
Open Reduction of Hip Fracture	13	15.4	5.4	-----	23.1	9.6	-----	23.1	12.9	-----
Prostatectomy	29	0.0	0.8	-----	0.0	1.9	-----	0.0	3.3	-----
Cholecystectomy	17	0.0	1.8	-----	11.8	3.4	-----	11.8	4.6	-----
Hysterectomy	2	0.0	1.2	-----	0.0	2.0	-----	0.0	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

DELAWARE VALLEY MEDICAL CENTER
Medicare Provider Number: 390069

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	71.8 years
Proportion female	54.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	29.4 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	12.1 %
Admitted for emergency	22.2 %

COMORBIDITIES:

Cancer	8.1 %
Chronic cardiovascular disease	42.1 %
Chronic liver disease	2.0 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	41.0 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	13.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.2%
State	6.5%
Outside State	5.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	167
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	30.5 %
Case Mix Index (CMI)	1.2267

STAFFING:

Total Number of Physicians	287
Percent of Physicians Board Certified Specialists	62.0 %
Medical Residents/Interns	44
Registered Nurses	128
Licensed Practical Nurses	28

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

* Not used in calculating mortality rates

DIVINE PROVIDENCE HOSPITAL

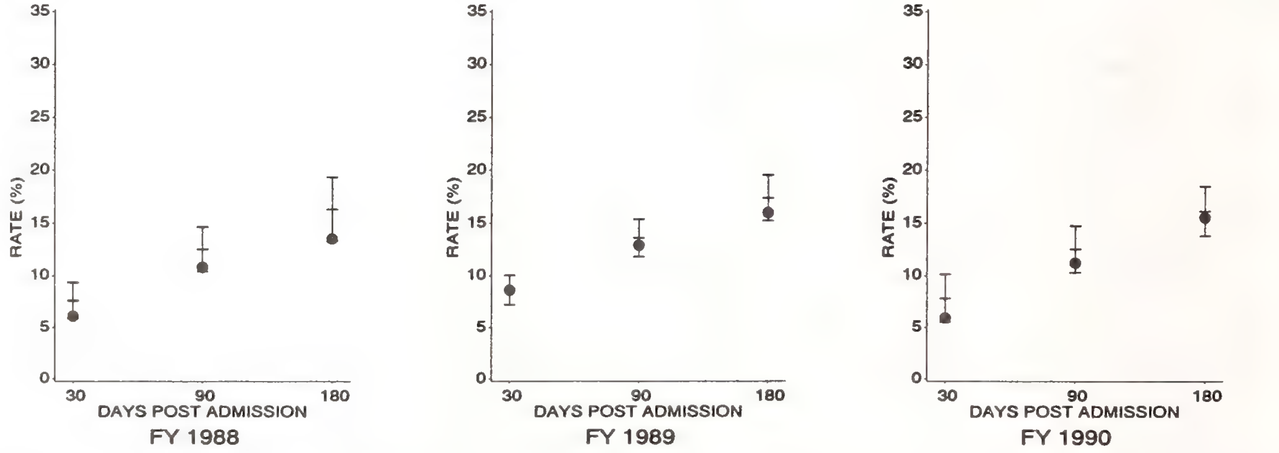
1100 GRAMPIAN BLVD
WILLIAMSPORT, PA 17701
Medicare Provider Number: 390075

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1558	5.9	7.8	1.2	11.2	12.5	1.1	15.5	16.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	31	22.6	21.8	-----	22.6	24.5	-----	29.0	27.4	-----
Congestive Heart Failure	65	9.2	14.2	5.3	18.5	22.3	5.8	33.8	28.2	6.8
Pneumonia/Influenza	53	11.3	15.0	6.5	17.0	20.7	8.3	18.9	24.5	9.7
Chronic Obstructive Pulmonary Disease	27	3.7	7.2	-----	18.5	13.1	-----	29.6	18.0	-----
Transient Cerebral Ischemia	28	0.0	1.5	-----	0.0	3.3	-----	10.7	5.4	-----
Stroke	42	11.9	21.5	-----	21.4	27.9	-----	28.6	32.0	-----
Hip Fracture	35	8.6	6.6	-----	11.4	11.8	-----	17.1	15.4	-----
Sepsis	11	0.0	24.2	-----	9.1	30.2	-----	18.2	34.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	2.6	-----	0.0	5.3	-----	0.0	7.9	-----
Carotid Endarterectomy	8	12.5	3.7	-----	12.5	6.6	-----	12.5	8.9	-----
Hip Replacement/Reconstruction	57	1.8	1.7	1.8	1.8	3.2	2.6	5.3	4.3	3.1
Open Reduction of Hip Fracture	21	9.5	6.4	-----	14.3	11.6	-----	14.3	15.4	-----
Prostatectomy	55	1.8	0.7	1.8	3.6	1.6	3.1	7.3	2.9	3.9
Cholecystectomy	21	0.0	2.5	-----	0.0	4.5	-----	0.0	5.9	-----
Hysterectomy	17	0.0	1.9	-----	5.9	3.5	-----	11.8	4.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

DIVINE PROVIDENCE HOSPITAL

Medicare Provider Number: 390075

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.3 years
Proportion female	53.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	41.5 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	27.1 %
Admitted for emergency	0.2 %

COMORBIDITIES:	
Cancer	11.3 %
Chronic cardiovascular disease	35.1 %
Chronic liver disease	1.1 %
Chronic renal disease	4.5 %
Chronic pulmonary disease	19.4 %
Cerebrovascular degeneration	3.0 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	72.0%
State	26.2%
Outside State	1.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	212
Occupancy Rate	51.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.6 %
Case Mix Index (CMI)	1.2917
STAFFING:	
Total Number of Physicians	143
Percent of Physicians Board Certified Specialists	74.1 %
Medical Residents/Interns	0
Registered Nurses	158
Licensed Practical Nurses	78

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

DIVINE PROVIDENCE HOSPITAL

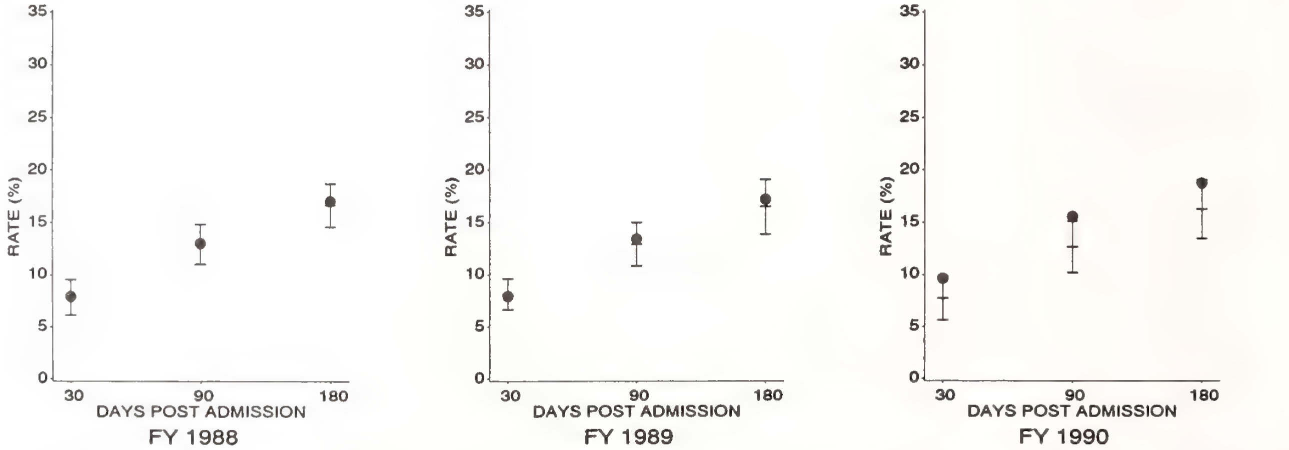
1004 ARCH ST
PITTSBURGH, PA 15212
Medicare Provider Number: 390136

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1442	9.6	7.7	1.1	15.5	12.6	1.2	18.7	16.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	24	20.8	18.6	-----	25.0	21.2	-----	25.0	23.8	-----
Congestive Heart Failure	98	18.4	13.4	6.6	24.5	21.8	8.2	31.6	27.7	7.3
Pneumonia/Influenza	82	17.1	13.1	8.5	23.2	18.6	9.2	24.4	22.4	10.3
Chronic Obstructive Pulmonary Disease	41	7.3	8.4	-----	12.2	15.2	-----	14.6	20.1	-----
Transient Cerebral Ischemia	29	0.0	1.7	-----	6.9	3.9	-----	13.8	6.5	-----
Stroke	58	19.0	13.8	6.5	31.0	21.1	9.8	34.5	25.0	10.8
Hip Fracture	34	14.7	6.8	-----	20.6	12.3	-----	26.5	16.0	-----
Sepsis	20	40.0	25.7	-----	50.0	35.2	-----	50.0	40.4	-----
PROCEDURES:										
Angioplasty	1	0.0	0.9	-----	0.0	1.6	-----	0.0	2.1	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.4	-----	0.0	5.4	-----	12.5	8.3	-----
Carotid Endarterectomy	2	0.0	0.9	-----	0.0	2.0	-----	0.0	2.9	-----
Hip Replacement/Reconstruction	27	7.4	4.2	-----	7.4	7.9	-----	14.8	10.3	-----
Open Reduction of Hip Fracture	17	17.6	5.9	-----	29.4	10.9	-----	29.4	14.6	-----
Prostatectomy	35	0.0	0.9	-----	2.9	2.0	-----	2.9	3.3	-----
Cholecystectomy	15	0.0	3.1	-----	0.0	5.0	-----	0.0	6.1	-----
Hysterectomy	4	0.0	0.2	-----	0.0	0.4	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

DIVINE PROVIDENCE HOSPITAL
Medicare Provider Number: 390136

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	61.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	91.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	13.7 %
Admitted for emergency	7.1 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	36.3 %
Chronic liver disease	0.8 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	16.0 %
Cerebrovascular degeneration	6.7 %
Diabetes mellitus	10.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	94.7%
State	4.2%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	151
Occupancy Rate	70.0 %
Ownership/Control	Church
Medicare Discharges	57.0 %
Case Mix Index (CMI)	1.2083

STAFFING:

Total Number of Physicians	126
Percent of Physicians Board Certified Specialists	77.0 %
Medical Residents/Interns	0
Registered Nurses	105
Licensed Practical Nurses	39

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

DOYLESTOWN HOSPITAL

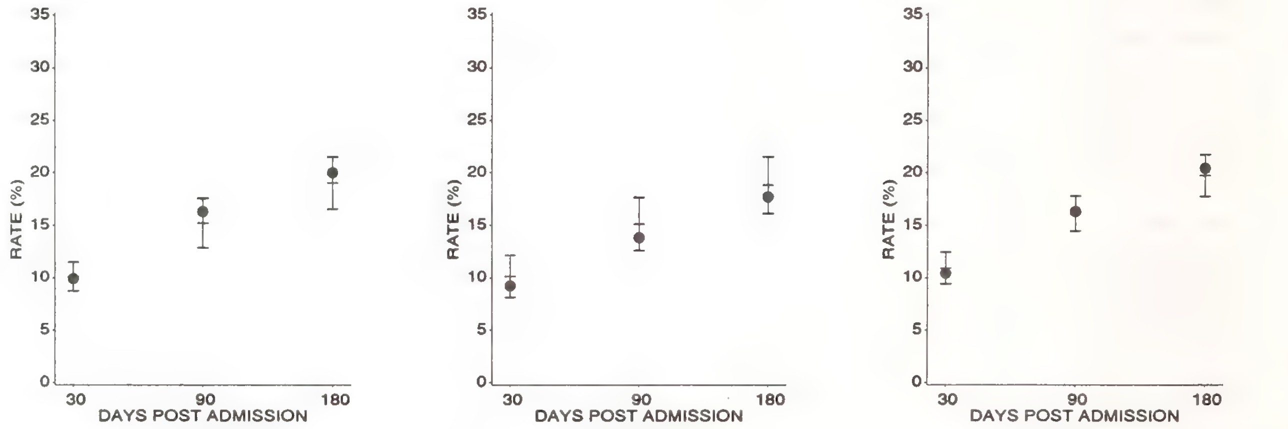
595 W STATE ST
DOYLESTOWN, PA 18901
Medicare Provider Number: 390203

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1966	10.4	10.9	0.8	16.3	16.1	0.8	20.4	19.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	78	23.1	27.5	6.3	30.8	31.3	7.2	32.1	34.2	8.0
Congestive Heart Failure	82	12.2	15.4	4.9	23.2	23.8	4.9	26.8	30.0	5.7
Pneumonia/Influenza	74	21.6	18.4	5.5	31.1	25.2	8.9	35.1	29.6	9.5
Chronic Obstructive Pulmonary Disease	34	2.9	8.3	-----	5.9	15.1	-----	14.7	20.4	-----
Transient Cerebral Ischemia	28	0.0	2.3	-----	0.0	5.2	-----	3.6	8.0	-----
Stroke	106	28.3	24.2	4.7	39.6	31.2	5.8	48.1	35.1	7.3
Hip Fracture	69	8.7	6.9	3.8	11.6	12.3	4.0	15.9	16.1	5.0
Sepsis	41	29.3	26.6	-----	43.9	34.8	-----	48.8	40.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	5.2	-----	0.0	9.3	-----	0.0	12.4	-----
Carotid Endarterectomy	3	0.0	2.8	-----	0.0	6.1	-----	0.0	9.8	-----
Hip Replacement/Reconstruction	38	2.6	4.0	-----	2.6	7.7	-----	5.3	10.3	-----
Open Reduction of Hip Fracture	35	8.6	6.6	-----	11.4	11.9	-----	14.3	15.8	-----
Prostatectomy	65	3.1	1.0	2.5	3.1	2.3	2.0	6.2	3.8	3.6
Cholecystectomy	35	2.9	3.4	-----	11.4	6.2	-----	11.4	8.1	-----
Hysterectomy	22	4.5	0.2	-----	4.5	0.5	-----	4.5	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

DOYLESTOWN HOSPITAL

Medicare Provider Number: 390203

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.7 years
Proportion female	60.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	25.0 %
Transferred from skilled nursing facility	2.4 %
Admitted for elective procedure	25.3 %
Admitted for emergency	72.9 %

COMORBIDITIES:	
Cancer	9.4 %
Chronic cardiovascular disease	39.0 %
Chronic liver disease	1.0 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	14.3 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	6.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	81.0%
State	10.4%
Outside State	8.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	213
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.1 %
Case Mix Index (CMI)	1.2634
STAFFING:	
Total Number of Physicians	140
Percent of Physicians Board Certified Specialists	65.7 %
Medical Residents/Interns	0
Registered Nurses	254
Licensed Practical Nurses	56

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

DUBOIS REGIONAL MEDICAL CENTER

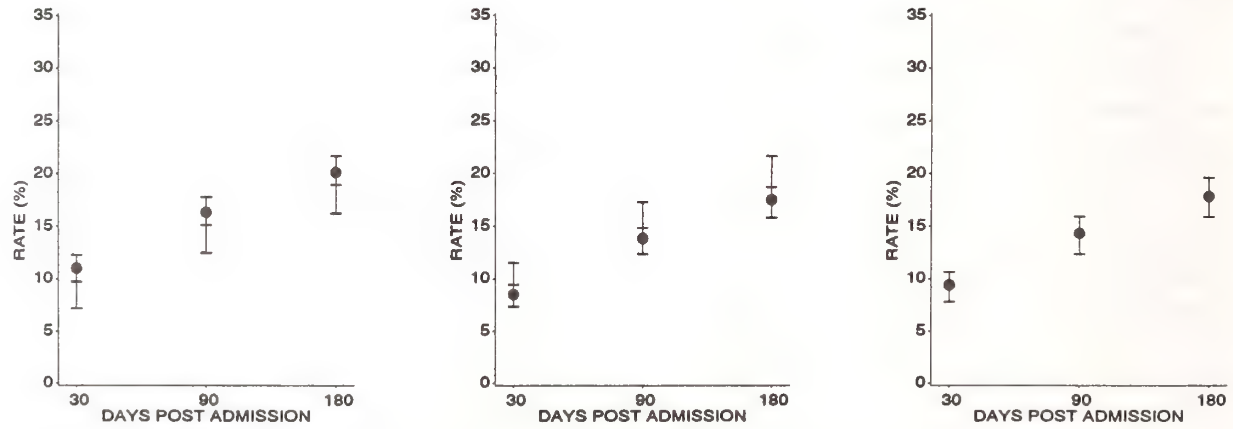
MAPLE AVE & 100 HOSP AVE, BOX 447
DUBOIS, PA 15801
Medicare Provider Number: 390086

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1649	9.4	9.2	0.7	14.3	14.1	0.9	17.8	17.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	48	10.4	23.6	-----	16.7	26.8	-----	18.8	29.5	-----
Congestive Heart Failure	93	8.6	13.7	4.5	22.6	21.9	4.4	30.1	28.0	4.9
Pneumonia/Influenza	105	21.0	16.8	5.7	27.6	23.1	7.4	32.4	27.4	7.6
Chronic Obstructive Pulmonary Disease	32	9.4	8.8	-----	21.9	15.1	-----	21.9	19.7	-----
Transient Cerebral Ischemia	34	0.0	1.7	-----	2.9	3.9	-----	2.9	6.6	-----
Stroke	52	21.2	19.1	7.7	25.0	26.3	6.2	30.8	30.2	6.5
Hip Fracture	40	10.0	7.0	-----	12.5	12.2	-----	12.5	15.9	-----
Sepsis	17	11.8	37.4	-----	23.5	48.8	-----	29.4	54.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	2.3	-----	12.5	5.3	-----	12.5	8.5	-----
Carotid Endarterectomy	3	33.3	2.0	-----	33.3	3.5	-----	33.3	4.6	-----
Hip Replacement/Reconstruction	18	11.1	3.8	-----	11.1	7.2	-----	11.1	9.7	-----
Open Reduction of Hip Fracture	14	7.1	9.5	-----	14.3	16.8	-----	14.3	21.7	-----
Prostatectomy	52	0.0	0.9	-----	0.0	2.1	-----	0.0	3.5	-----
Cholecystectomy	39	0.0	2.1	-----	0.0	3.7	-----	0.0	4.9	-----
Hysterectomy	12	8.3	0.7	-----	8.3	1.6	-----	8.3	2.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

DUBOIS REGIONAL MEDICAL CENTER

Medicare Provider Number: 390086

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.6 years
Proportion female	55.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.1 %
Transferred from skilled nursing facility	2.6 %
Admitted for elective procedure	10.6 %
Admitted for emergency	12.1 %

COMORBIDITIES:

Cancer	9.0 %
Chronic cardiovascular disease	42.3 %
Chronic liver disease	0.9 %
Chronic renal disease	4.2 %
Chronic pulmonary disease	22.1 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	47.6%
State	50.9%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	206
Occupancy Rate	72.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.0 %
Case Mix Index (CMI)	1.1117

STAFFING:

Total Number of Physicians	69
Percent of Physicians Board Certified Specialists	59.4 %
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

EAGLEVILLE HOSPITAL

100 EAGLEVILLE RD
EAGLEVILLE, PA 19408
Medicare Provider Number: 390278

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	25	0.0	0.3	-----	0.0	0.9	-----	0.0	1.6	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

EAGLEVILLE HOSPITAL

Medicare Provider Number: 390278

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	52.2 years
Proportion female	12.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	0.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	100.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	12.0 %
Chronic liver disease	8.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	4.0 %
Cerebrovascular degeneration	4.0 %
Diabetes mellitus	0.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	18.4%
State	63.2%
Outside State	18.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	16.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	159
Occupancy Rate	86.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	1.9 %
Case Mix Index (CMI)	0.7628

STAFFING:

Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	11.1 %
Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	4

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

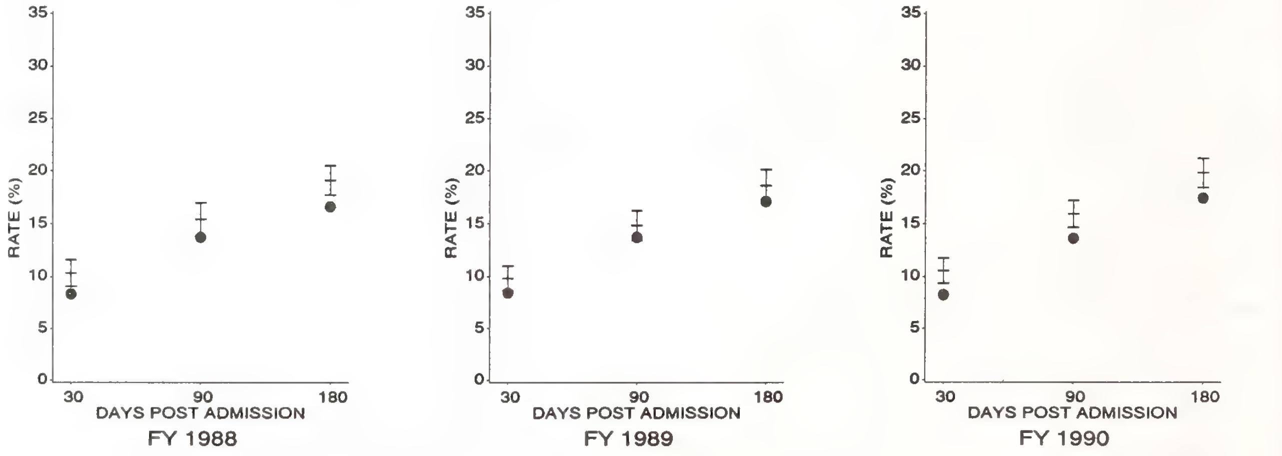
EASTON HOSPITAL
21ST & LEHIGH STS
EASTON, PA 18042
Medicare Provider Number: 390162

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3614	8.2	10.5	0.6	13.6	15.9	0.6	17.4	19.8	0.7
CONDITIONS:										
Acute Myocardial Infarction	132	23.5	22.6	6.6	32.6	26.1	7.4	34.1	29.0	8.1
Congestive Heart Failure	204	15.2	15.8	2.6	23.0	24.9	3.5	27.9	31.4	4.6
Pneumonia/Influenza	147	17.0	21.8	5.4	24.5	29.2	7.7	29.9	34.0	7.0
Chronic Obstructive Pulmonary Disease	69	4.3	9.0	6.2	14.5	15.9	7.5	17.4	21.0	6.9
Transient Cerebral Ischemia	95	2.1	1.7	1.6	6.3	3.9	2.7	7.4	6.6	4.2
Stroke	131	16.8	21.9	6.3	23.7	28.9	5.8	31.3	32.9	4.5
Hip Fracture	83	6.0	8.9	4.3	9.6	15.4	5.4	18.1	19.7	4.5
Sepsis	44	27.3	28.0	-----	38.6	36.5	-----	43.2	41.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	40	2.5	3.9	-----	5.0	7.5	-----	10.0	10.7	-----
Carotid Endarterectomy	13	0.0	2.2	-----	0.0	3.9	-----	0.0	5.7	-----
Hip Replacement/Reconstruction	56	1.8	4.4	3.4	3.6	8.1	4.6	7.1	10.9	4.8
Open Reduction of Hip Fracture	48	4.2	8.6	-----	8.3	15.5	-----	18.8	19.9	-----
Prostatectomy	109	3.7	1.3	2.3	4.6	2.9	2.6	5.5	4.7	2.8
Cholecystectomy	69	2.9	2.8	3.2	5.8	5.3	3.1	5.8	7.0	3.6
Hysterectomy	11	0.0	0.2	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

EASTON HOSPITAL

Medicare Provider Number: 390162

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	55.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	23.9 %
Transferred from skilled nursing facility	6.2 %
Admitted for elective procedure	15.6 %
Admitted for emergency	74.2 %

COMORBIDITIES:

Cancer	8.7 %
Chronic cardiovascular disease	46.7 %
Chronic liver disease	1.1 %
Chronic renal disease	5.1 %
Chronic pulmonary disease	20.7 %
Cerebrovascular degeneration	2.5 %
Diabetes mellitus	9.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	83.6%
State	4.1%
Outside State	12.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	349
Occupancy Rate	83.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.6 %
Case Mix Index (CMI)	1.2404

STAFFING:

Total Number of Physicians	185
Percent of Physicians Board Certified Specialists	79.5 %
Medical Residents/Interns	31
Registered Nurses	299
Licensed Practical Nurses	79

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ELK COUNTY GENERAL HOSPITAL

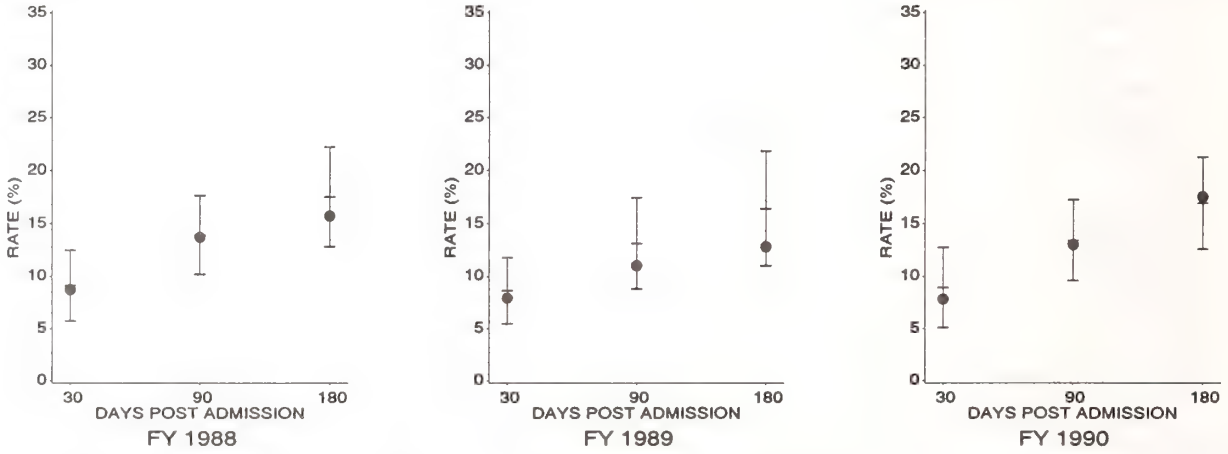
94 HOSP ST
RIDGWAY, PA 15853
Medicare Provider Number: 390161

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	332	7.8	8.9	1.9	13.0	13.4	1.9	17.5	16.9	2.2
CONDITIONS:										
Acute Myocardial Infarction	4	0.0	31.8	-----	25.0	35.0	-----	25.0	38.5	-----
Congestive Heart Failure	22	18.2	15.6	-----	27.3	24.1	-----	36.4	30.5	-----
Pneumonia/Influenza	26	11.5	13.3	-----	19.2	18.0	-----	30.8	21.3	-----
Chronic Obstructive Pulmonary Disease	5	0.0	6.9	-----	0.0	13.0	-----	0.0	18.3	-----
Transient Cerebral Ischemia	8	12.5	2.8	-----	12.5	6.3	-----	12.5	10.3	-----
Stroke	20	10.0	20.6	-----	20.0	27.2	-----	20.0	31.6	-----
Hip Fracture	0									
Sepsis	2	50.0	20.7	-----	50.0	31.1	-----	50.0	36.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.4	-----	0.0	0.9	-----	0.0	1.7	-----
Cholecystectomy	6	0.0	3.0	-----	0.0	5.6	-----	0.0	7.2	-----
Hysterectomy	3	0.0	0.5	-----	0.0	1.1	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ELK COUNTY GENERAL HOSPITAL
Medicare Provider Number: 390161

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.3 years
Proportion female	54.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	46.4 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	14.2 %
Admitted for emergency	0.3 %

COMORBIDITIES:	
Cancer	4.5 %
Chronic cardiovascular disease	41.9 %
Chronic liver disease	0.9 %
Chronic renal disease	1.2 %
Chronic pulmonary disease	16.6 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	94.5%
State	4.4%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	52
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.8 %
Case Mix Index (CMI)	1.0914
STAFFING:	
Total Number of Physicians	22
Percent of Physicians Board Certified Specialists	54.5 %
Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	24

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

ELLWOOD CITY HOSPITAL

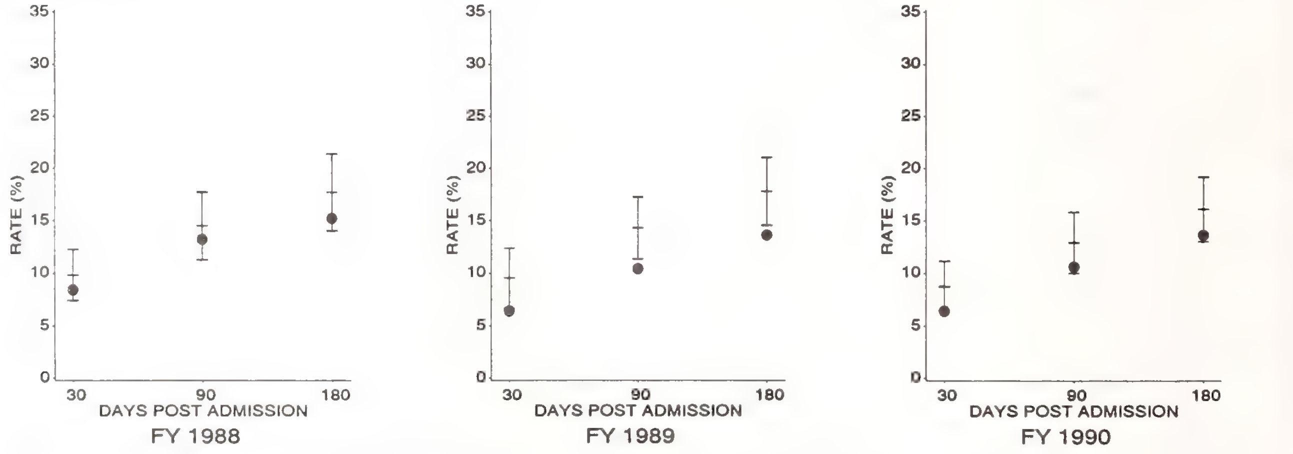
724 PERSHING ST
ELLWOOD CITY, PA 16117
Medicare Provider Number: 390008

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1055	6.4	8.7	1.2	10.6	12.9	1.5	13.6	16.1	1.6
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	31.8	-----	31.3	34.9	-----	34.4	37.9	-----
Congestive Heart Failure	66	12.1	13.8	6.1	18.2	21.4	7.8	24.2	27.4	8.0
Pneumonia/Influenza	44	9.1	15.4	-----	11.4	21.0	-----	11.4	24.6	-----
Chronic Obstructive Pulmonary Disease	42	11.9	8.9	-----	16.7	15.3	-----	21.4	20.0	-----
Transient Cerebral Ischemia	24	0.0	1.4	-----	0.0	3.1	-----	0.0	5.1	-----
Stroke	34	8.8	19.7	-----	14.7	25.0	-----	17.6	28.6	-----
Hip Fracture	24	4.2	7.9	-----	8.3	13.5	-----	12.5	17.1	-----
Sepsis	15	13.3	30.8	-----	26.7	39.3	-----	33.3	44.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	7.1	4.8	-----	7.1	9.2	-----	14.3	12.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	11	0.0	3.3	-----	0.0	6.3	-----	0.0	8.4	-----
Open Reduction of Hip Fracture	13	7.7	8.5	-----	15.4	14.6	-----	23.1	18.7	-----
Prostatectomy	39	2.6	0.8	-----	2.6	1.9	-----	2.6	3.2	-----
Cholecystectomy	22	0.0	2.6	-----	0.0	4.9	-----	0.0	6.7	-----
Hysterectomy	9	0.0	0.3	-----	0.0	0.7	-----	0.0	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ELLWOOD CITY HOSPITAL

Medicare Provider Number: 390008

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.9 years
Proportion female	56.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.2 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	7.8 %
Admitted for emergency	57.4 %

COMORBIDITIES:

Cancer	5.2 %
Chronic cardiovascular disease	44.4 %
Chronic liver disease	0.8 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	13.5 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	70.2%
State	28.8%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	122
Occupancy Rate	53.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	53.1 %
Case Mix Index (CMI)	1.0981

STAFFING:

Total Number of Physicians	29
Percent of Physicians Board Certified Specialists	79.3 %
Medical Residents/Interns	0
Registered Nurses	80
Licensed Practical Nurses	20

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

EPHRATA COMMUNITY HOSPITAL

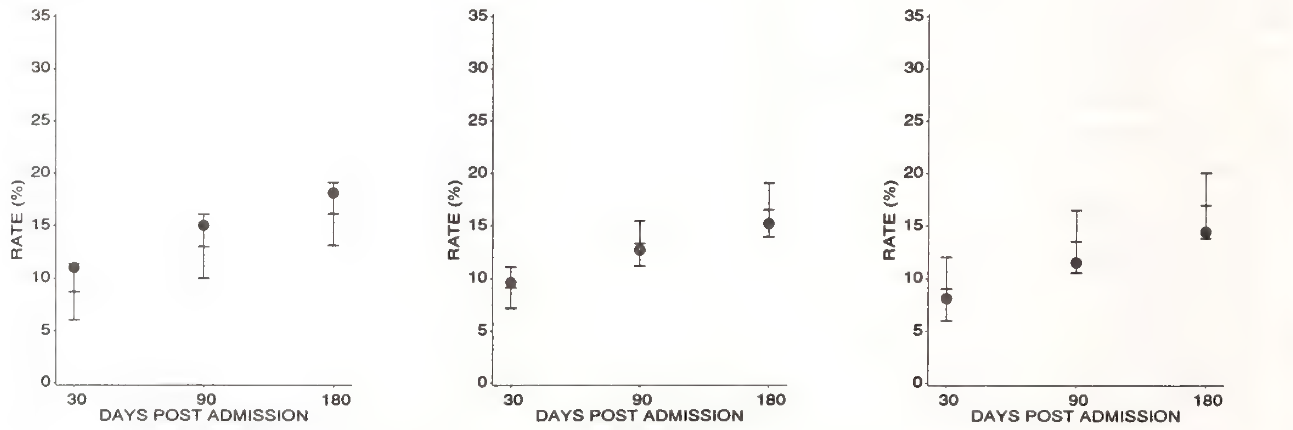
MARTIN AVE
EPHRATA, PA 17522
Medicare Provider Number: 390225

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1178	8.1	9.0	1.5	11.5	13.5	1.5	14.4	16.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	41	17.1	26.1	-----	19.5	28.9	-----	19.5	31.7	-----
Congestive Heart Failure	49	16.3	13.8	-----	24.5	21.1	-----	30.6	26.9	-----
Pneumonia/Influenza	47	6.4	13.8	-----	8.5	19.1	-----	10.6	22.8	-----
Chronic Obstructive Pulmonary Disease	24	4.2	7.6	-----	4.2	13.2	-----	25.0	17.9	-----
Transient Cerebral Ischemia	27	7.4	1.9	-----	7.4	4.2	-----	7.4	6.8	-----
Stroke	41	26.8	19.6	-----	31.7	26.8	-----	34.1	30.7	-----
Hip Fracture	39	7.7	6.9	-----	10.3	12.0	-----	15.4	15.4	-----
Sepsis	17	11.8	22.1	-----	17.6	30.2	-----	17.6	34.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	12.5	2.7	-----	12.5	5.4	-----	25.0	7.8	-----
Carotid Endarterectomy	1	0.0	0.6	-----	0.0	1.2	-----	0.0	1.8	-----
Hip Replacement/Reconstruction	22	0.0	4.1	-----	4.5	7.4	-----	9.1	9.6	-----
Open Reduction of Hip Fracture	18	11.1	6.4	-----	11.1	11.4	-----	16.7	14.7	-----
Prostatectomy	46	0.0	1.4	-----	2.2	3.2	-----	6.5	5.3	-----
Cholecystectomy	27	0.0	1.4	-----	0.0	2.4	-----	0.0	3.0	-----
Hysterectomy	8	0.0	0.4	-----	0.0	1.0	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

EPHRATA COMMUNITY HOSPITAL
Medicare Provider Number: 390225

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.4 years	Cancer	8.1 %
Proportion female	55.9 %	Chronic cardiovascular disease	46.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.8 %
Referred by personal or HMO physician	35.1 %	Chronic renal disease	0.5 %
Transferred from skilled nursing facility	0.2 %	Chronic pulmonary disease	18.5 %
Admitted for elective procedure	22.9 %	Cerebrovascular degeneration	2.0 %
Admitted for emergency	43.4 %	Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	90.6%	Hospital	7.5 Days
State	7.8%	State	9.2 Days
Outside State	1.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	134	Burn Unit	No
Occupancy Rate	61.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	32.9 %	Hospice Care	Yes
Case Mix Index (CMI)	1.2649	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	80	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	43.8 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	100	Rehabilitation	No
Licensed Practical Nurses	39	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

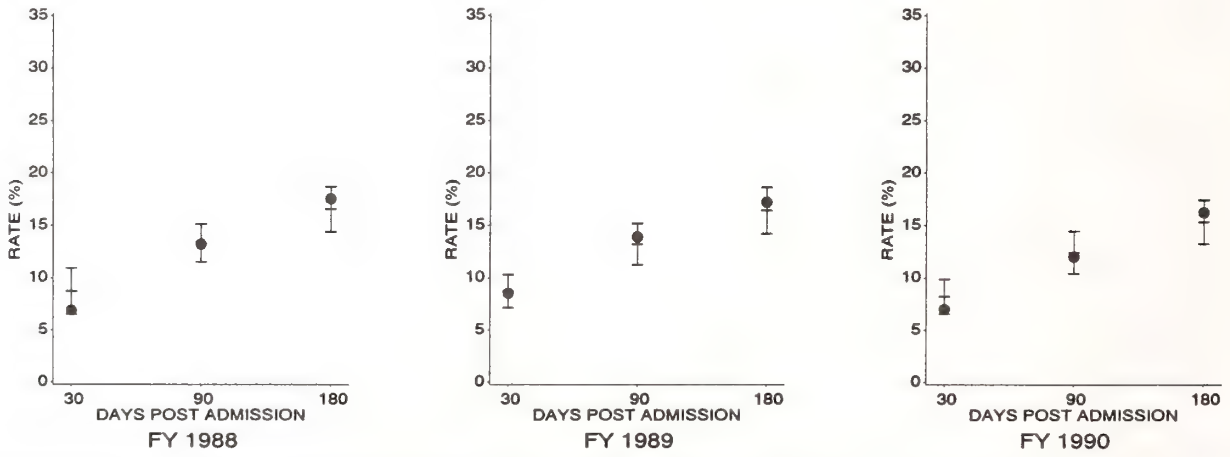
EPISCOPAL HOSPITAL
FRONT ST & LEHIGH AVE
PHILADELPHIA, PA 19125
Medicare Provider Number: 390235

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1275	7.0	8.2	0.8	12.0	12.4	1.0	16.2	15.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	30	30.0	28.3	-----	33.3	30.8	-----	36.7	33.2	-----
Congestive Heart Failure	75	10.7	14.4	6.7	20.0	23.4	6.0	30.7	29.9	5.9
Pneumonia/Influenza	30	10.0	16.1	-----	20.0	23.4	-----	33.3	27.5	-----
Chronic Obstructive Pulmonary Disease	17	11.8	6.9	-----	11.8	11.8	-----	17.6	15.8	-----
Transient Cerebral Ischemia	17	0.0	2.1	-----	0.0	4.3	-----	5.9	6.5	-----
Stroke	33	15.2	14.4	-----	27.3	19.8	-----	33.3	23.1	-----
Hip Fracture	14	7.1	6.1	-----	7.1	11.3	-----	14.3	14.5	-----
Sepsis	13	30.8	23.5	-----	30.8	33.1	-----	46.2	38.4	-----
PROCEDURES:										
Angioplasty	83	3.6	2.5	1.9	4.8	3.4	3.0	8.4	4.3	3.9
Coronary Artery Bypass Graft	115	7.0	5.9	2.4	12.2	9.1	3.9	13.9	10.5	4.8
Initial Pacemaker Insertion	16	0.0	3.9	-----	0.0	7.9	-----	6.3	11.3	-----
Carotid Endarterectomy	1	0.0	0.6	-----	0.0	1.3	-----	0.0	2.0	-----
Hip Replacement/Reconstruction	13	0.0	2.6	-----	7.7	5.2	-----	15.4	7.2	-----
Open Reduction of Hip Fracture	5	20.0	9.1	-----	20.0	16.8	-----	20.0	21.3	-----
Prostatectomy	28	0.0	1.4	-----	0.0	3.3	-----	7.1	5.5	-----
Cholecystectomy	18	11.1	4.0	-----	16.7	7.4	-----	22.2	9.5	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



EPISCOPAL HOSPITAL

Medicare Provider Number: 390235

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	70.8 years
Proportion female	47.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.4 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	26.5 %
Admitted for emergency	61.3 %

COMORBIDITIES:

Cancer	5.6 %
Chronic cardiovascular disease	42.2 %
Chronic liver disease	1.0 %
Chronic renal disease	6.0 %
Chronic pulmonary disease	15.3 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	10.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	71.6%
State	21.4%
Outside State	7.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	246
Occupancy Rate	78.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	25.3 %
Case Mix Index (CMI)	1.7731

STAFFING:

Total Number of Physicians	185
Percent of Physicians Board Certified Specialists	56.8 %
Medical Residents/Interns	49
Registered Nurses	168
Licensed Practical Nurses	31

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

EVANGELICAL COMMUNITY HOSPITAL

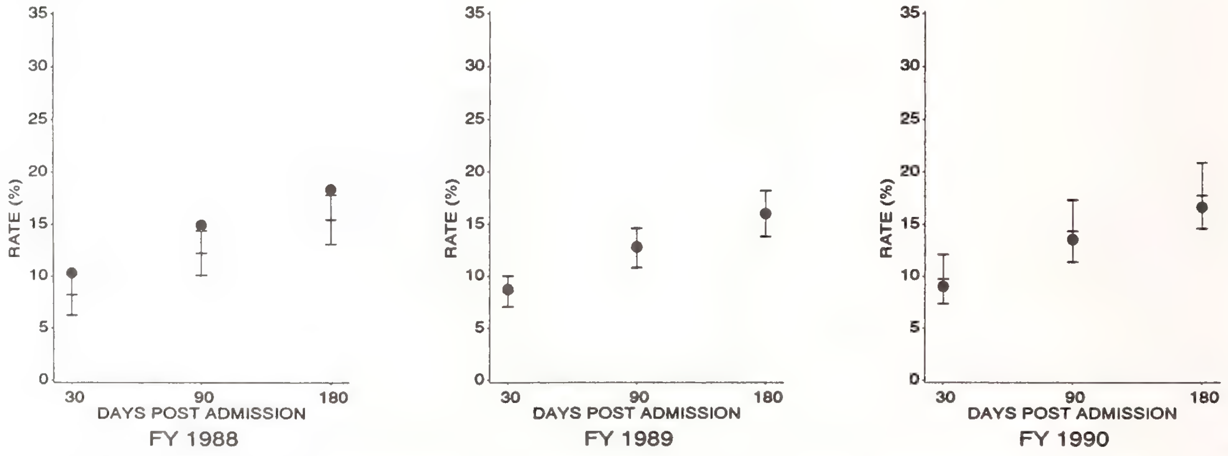
ONE HOSPITAL DRIVE
LEWISBURG, PA 17837
Medicare Provider Number: 390013

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1712	9.0	9.7	1.2	13.5	14.3	1.5	16.6	17.7	1.6
CONDITIONS:										
Acute Myocardial Infarction	96	25.0	25.6	5.4	27.1	28.4	5.2	28.1	31.0	5.8
Congestive Heart Failure	97	18.6	13.5	5.8	25.8	21.2	6.2	30.9	27.1	6.0
Pneumonia/Influenza	110	15.5	15.8	4.2	19.1	21.5	4.4	23.6	25.4	4.9
Chronic Obstructive Pulmonary Disease	18	22.2	9.5	-----	22.2	15.8	-----	22.2	20.6	-----
Transient Cerebral Ischemia	55	1.8	2.1	2.1	3.6	4.7	3.1	3.6	7.6	5.1
Stroke	69	13.0	19.6	5.5	17.4	25.1	6.0	23.2	28.5	5.8
Hip Fracture	47	0.0	6.1	-----	2.1	10.5	-----	2.1	13.7	-----
Sepsis	20	10.0	21.2	-----	20.0	28.0	-----	30.0	31.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	100.0	13.8	-----	100.0	21.7	-----	100.0	24.6	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	44	2.3	3.8	-----	4.5	6.7	-----	4.5	8.9	-----
Open Reduction of Hip Fracture	16	0.0	5.1	-----	6.3	9.1	-----	6.3	12.4	-----
Prostatectomy	29	0.0	1.3	-----	0.0	3.1	-----	0.0	5.2	-----
Cholecystectomy	46	6.5	3.1	-----	6.5	5.5	-----	6.5	7.0	-----
Hysterectomy	12	0.0	0.7	-----	0.0	1.6	-----	0.0	2.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



EVANGELICAL COMMUNITY HOSPITAL
Medicare Provider Number: 390013

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.2 years
Proportion female	61.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	40.3 %
Transferred from skilled nursing facility	0.8 %
Admitted for elective procedure	3.9 %
Admitted for emergency	42.0 %

COMORBIDITIES:	
Cancer	7.6 %
Chronic cardiovascular disease	50.6 %
Chronic liver disease	1.2 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	18.6 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	42.0%
State	57.2%
Outside State	0.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	155
Occupancy Rate	62.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.0 %
Case Mix Index (CMI)	1.1999
STAFFING:	
Total Number of Physicians	61
Percent of Physicians Board Certified Specialists	77.0 %
Medical Residents/Interns	0
Registered Nurses	171
Licensed Practical Nurses	53

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

EYE AND EAR HOSPITAL OF PITTSBURGH

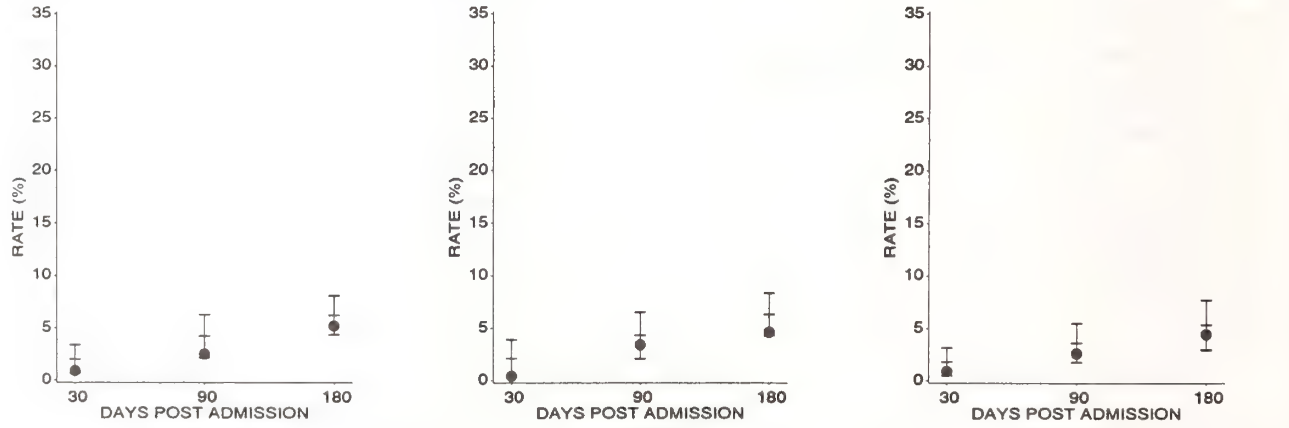
230 LOTHROP ST
PITTSBURGH, PA 15213
Medicare Provider Number: 390143

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	819	0.9	1.8	0.7	2.6	3.6	0.9	4.4	5.3	1.2
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	1	0.0	20.4	-----	0.0	23.9	-----	0.0	27.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

EYE AND EAR HOSPITAL OF PITTSBURGH

Medicare Provider Number: 390143

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.0 years
Proportion female	57.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	80.2 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	71.6 %
Admitted for emergency	6.7 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	26.1 %
Chronic liver disease	0.4 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	11.5 %
Cerebrovascular degeneration	1.1 %
Diabetes mellitus	7.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	47.9%
State	42.8%
Outside State	9.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	3.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1988

PROFILE:

Total Beds	148
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	0.9101

STAFFING:

Medical Residents/Interns	1
Registered Nurses	110
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

FORBES METROPOLITAN HEALTH CENTER

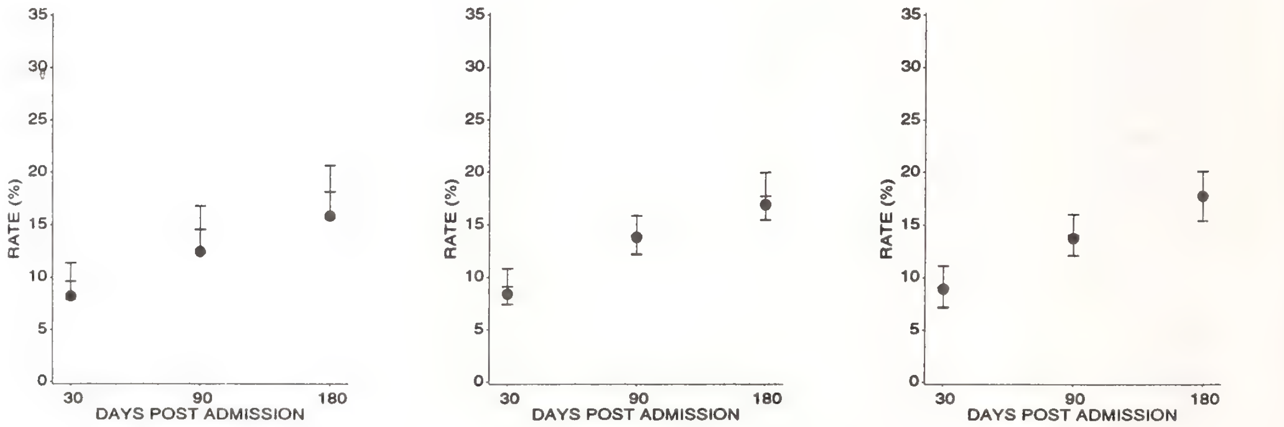
225 PENN AVE
PITTSBURGH, PA 15221
Medicare Provider Number: 390172

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1690	8.9	9.1	1.0	13.7	14.0	1.0	17.7	17.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	31	32.3	25.0	-----	38.7	27.5	-----	45.2	30.0	-----
Congestive Heart Failure	87	17.2	16.8	4.1	31.0	26.6	6.9	36.8	33.3	6.9
Pneumonia/Influenza	82	12.2	18.1	7.7	24.4	24.5	6.9	25.6	28.7	6.0
Chronic Obstructive Pulmonary Disease	22	0.0	9.4	-----	13.6	15.4	-----	18.2	20.5	-----
Transient Cerebral Ischemia	49	6.1	2.3	-----	8.2	5.2	-----	10.2	8.6	-----
Stroke	54	16.7	20.1	6.8	20.4	27.2	8.5	25.9	30.9	9.8
Hip Fracture	43	9.3	6.4	-----	14.0	11.1	-----	18.6	14.6	-----
Sepsis	32	15.6	23.1	-----	21.9	29.7	-----	25.0	34.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	2.9	-----	8.3	6.4	-----	8.3	10.2	-----
Carotid Endarterectomy	1	0.0	1.4	-----	0.0	3.0	-----	0.0	5.0	-----
Hip Replacement/Reconstruction	17	11.8	5.6	-----	17.6	10.5	-----	23.5	14.0	-----
Open Reduction of Hip Fracture	22	4.5	6.4	-----	9.1	11.3	-----	13.6	15.1	-----
Prostatectomy	66	1.5	1.5	2.8	6.1	3.3	3.1	9.1	5.4	3.7
Cholecystectomy	26	0.0	4.8	-----	7.7	8.4	-----	7.7	10.7	-----
Hysterectomy	3	0.0	2.7	-----	33.3	5.9	-----	33.3	8.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

FORBES METROPOLITAN HEALTH CENTER

Medicare Provider Number: 390172

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.6 years
Proportion female	57.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	24.0 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	7.4 %
Admitted for emergency	63.2 %

COMORBIDITIES:

Cancer	5.6 %
Chronic cardiovascular disease	46.1 %
Chronic liver disease	0.5 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	17.9 %
Cerebrovascular degeneration	7.3 %
Diabetes mellitus	6.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	95.4%
State	2.4%
Outside State	2.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	167
Occupancy Rate	71.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	56.9 %
Case Mix Index (CMI)	1.1709

STAFFING:

Total Number of Physicians	381
Percent of Physicians Board Certified Specialists	64.8 %
Medical Residents/Interns	0
Registered Nurses	165
Licensed Practical Nurses	18

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

FORBES REGIONAL HEALTH CENTER

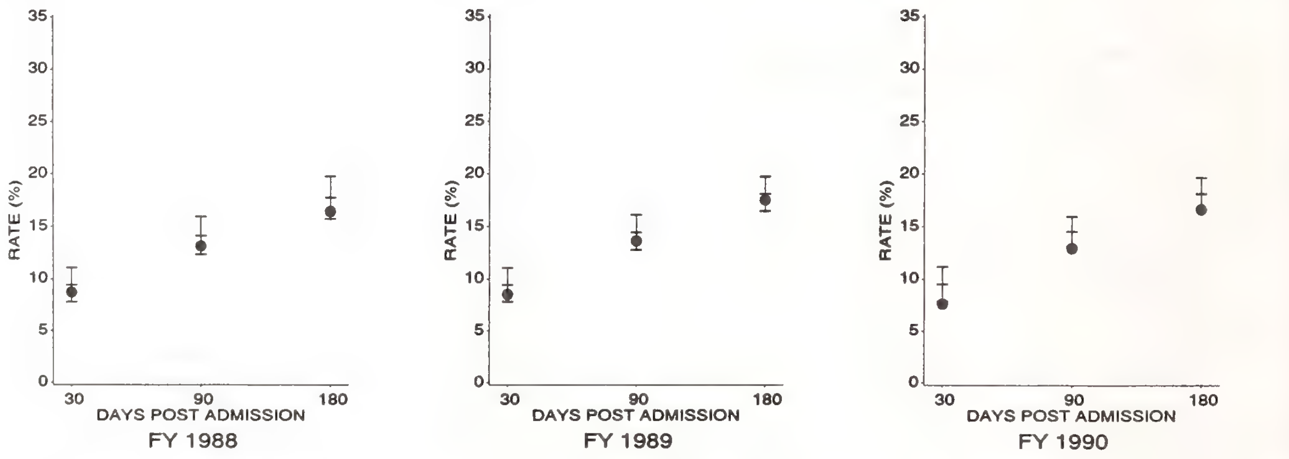
2570 HAYMAKER RD
MONROEVILLE, PA 15146
Medicare Provider Number: 390267

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3461	7.6	9.5	0.8	12.9	14.5	0.7	16.6	18.1	0.8
CONDITIONS:										
Acute Myocardial Infarction	80	27.5	23.2	8.7	28.7	26.1	8.8	30.0	28.7	7.4
Congestive Heart Failure	194	13.9	15.7	3.0	27.3	24.6	3.5	36.6	31.1	3.9
Pneumonia/Influenza	179	14.0	15.7	3.1	21.8	21.4	3.6	26.3	25.2	4.8
Chronic Obstructive Pulmonary Disease	65	12.3	9.5	4.0	24.6	15.9	6.1	27.7	20.7	6.0
Transient Cerebral Ischemia	82	1.2	1.8	1.8	3.7	4.1	2.6	7.3	6.6	3.1
Stroke	135	16.3	21.5	4.3	21.5	27.7	4.7	24.4	31.3	5.2
Hip Fracture	65	4.6	7.6	4.1	12.3	13.1	4.2	15.4	16.7	4.8
Sepsis	47	17.0	29.3	-----	25.5	38.6	-----	36.2	43.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	0.0	5.9	-----	11.1	10.8	-----	11.1	15.0	-----
Carotid Endarterectomy	11	0.0	3.0	-----	0.0	5.8	-----	0.0	8.3	-----
Hip Replacement/Reconstruction	61	3.3	4.3	2.9	6.6	8.4	3.8	6.6	11.5	5.0
Open Reduction of Hip Fracture	32	6.3	6.5	-----	18.8	11.3	-----	25.0	14.6	-----
Prostatectomy	123	0.0	1.2	1.5	2.4	2.8	1.5	4.1	4.6	2.1
Cholecystectomy	56	1.8	1.9	1.8	1.8	3.5	2.9	3.6	4.7	3.0
Hysterectomy	23	0.0	1.0	-----	0.0	2.2	-----	8.7	3.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

FORBES REGIONAL HEALTH CENTER

Medicare Provider Number: 390267

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.6 years
Proportion female	56.1 %

ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	32.0 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	13.2 %
Admitted for emergency	64.2 %

COMORBIDITIES:	
Cancer	8.4 %
Chronic cardiovascular disease	39.8 %
Chronic liver disease	0.8 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	17.4 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	69.4%
State	29.1%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	353
Occupancy Rate	74.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.2 %
Case Mix Index (CMI)	1.2181

STAFFING:	
Total Number of Physicians	356
Percent of Physicians Board Certified Specialists	66.9 %
Medical Residents/Interns	18
Registered Nurses	361
Licensed Practical Nurses	17

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

FRANKFORD HOSPITAL

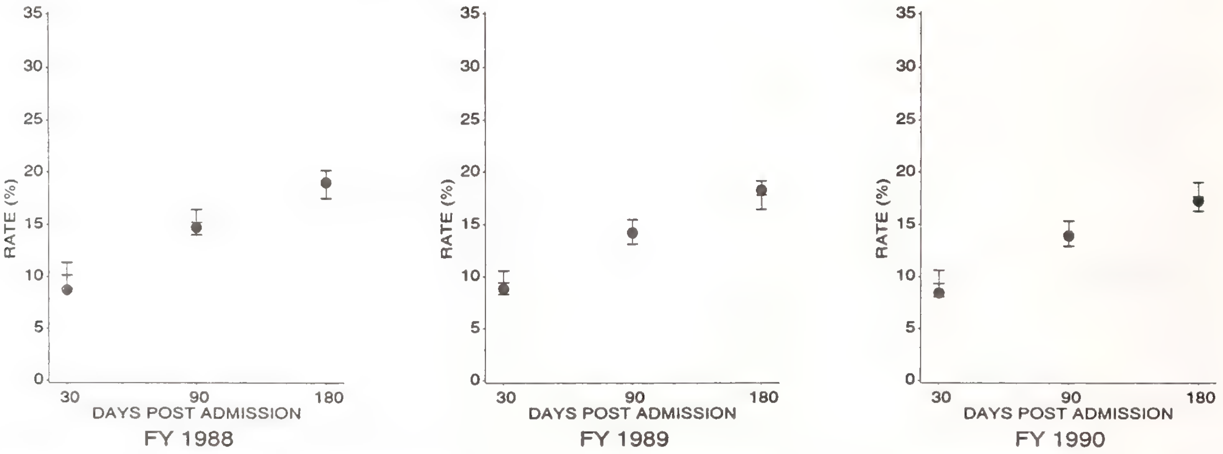
RED LION & KNIGHTS RDS
PHILADELPHIA, PA 19114
Medicare Provider Number: 390115

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3445	8.4	9.3	0.6	13.9	14.1	0.6	17.2	17.6	0.7
CONDITIONS:										
Acute Myocardial Infarction	134	20.1	21.4	3.8	23.9	24.9	3.8	26.1	27.7	3.9
Congestive Heart Failure	183	9.3	15.0	4.1	16.9	23.9	4.5	26.2	30.2	4.3
Pneumonia/Influenza	130	20.0	16.2	3.9	26.9	21.9	5.5	34.6	25.8	6.3
Chronic Obstructive Pulmonary Disease	54	7.4	10.3	5.8	9.3	16.9	9.0	13.0	21.6	9.9
Transient Cerebral Ischemia	65	4.6	1.6	2.3	4.6	3.4	2.9	6.2	5.4	3.2
Stroke	161	17.4	19.5	4.8	28.0	26.1	4.3	29.8	29.9	4.1
Hip Fracture	89	5.6	6.5	3.4	10.1	11.4	4.2	14.6	14.8	4.7
Sepsis	49	22.4	26.6	-----	38.8	36.0	-----	42.9	41.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	29	6.9	5.6	-----	13.8	10.1	-----	13.8	13.5	-----
Carotid Endarterectomy	16	6.3	1.6	-----	6.3	2.9	-----	6.3	4.2	-----
Hip Replacement/Reconstruction	45	2.2	4.1	-----	6.7	7.1	-----	6.7	9.2	-----
Open Reduction of Hip Fracture	53	5.7	5.6	3.2	9.4	10.3	4.6	17.0	13.8	5.6
Prostatectomy	112	1.8	0.8	1.4	1.8	1.9	1.6	1.8	3.2	2.6
Cholecystectomy	41	2.4	1.7	-----	2.4	3.0	-----	2.4	3.9	-----
Hysterectomy	13	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FRANKFORD HOSPITAL

Medicare Provider Number: 390115

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.6 years
Proportion female	57.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.2 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	16.7 %
Admitted for emergency	81.4 %

COMORBIDITIES:

Cancer	7.5 %
Chronic cardiovascular disease	37.3 %
Chronic liver disease	1.4 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	17.6 %
Cerebrovascular degeneration	4.6 %
Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.1%
State	9.7%
Outside State	2.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	367
Occupancy Rate	82.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.4 %
Case Mix Index (CMI)	1.2078

STAFFING:

Total Number of Physicians	446
Percent of Physicians Board Certified Specialists	64.1 %
Medical Residents/Interns	23
Registered Nurses	383
Licensed Practical Nurses	54

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

FRANKLIN REGIONAL MEDICAL CENTER

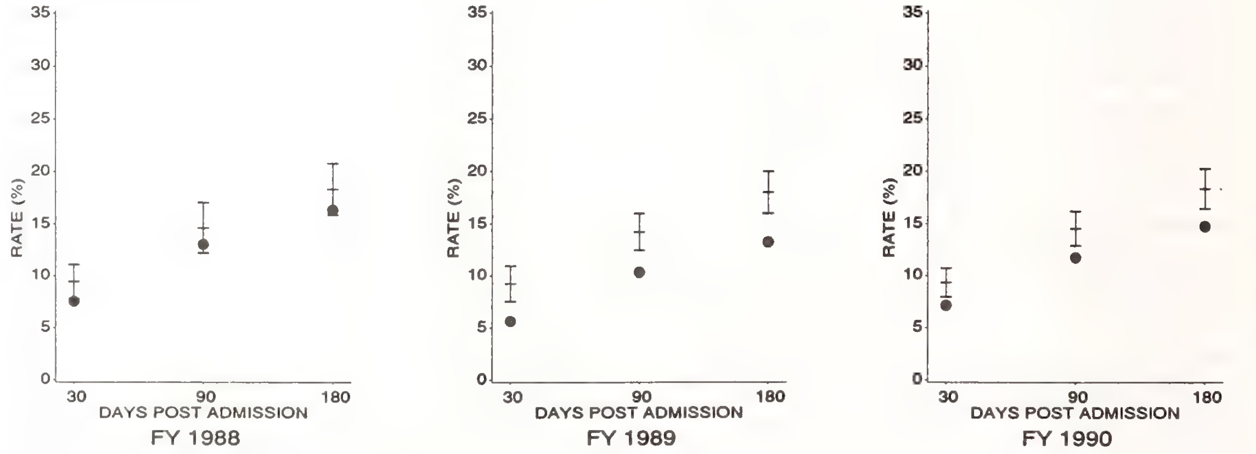
1 SPRUCE ST
FRANKLIN, PA 16323
Medicare Provider Number: 390091

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1932	7.1	9.3	0.7	11.7	14.5	0.8	14.7	18.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	48	22.9	29.9	-----	25.0	32.8	-----	25.0	35.7	-----
Congestive Heart Failure	93	12.9	14.9	4.5	23.7	23.4	4.8	31.2	29.9	5.2
Pneumonia/Influenza	87	9.2	14.0	4.8	17.2	19.6	4.4	23.0	23.6	4.6
Chronic Obstructive Pulmonary Disease	10	0.0	7.4	-----	0.0	13.1	-----	10.0	17.2	-----
Transient Cerebral Ischemia	40	0.0	2.2	-----	0.0	4.9	-----	0.0	8.0	-----
Stroke	70	15.7	21.7	7.5	27.1	29.2	6.4	28.6	33.9	7.1
Hip Fracture	32	3.1	6.8	-----	3.1	12.1	-----	6.3	15.7	-----
Sepsis	28	7.1	30.7	-----	10.7	38.3	-----	10.7	42.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	2.4	-----	8.3	4.8	-----	8.3	7.2	-----
Carotid Endarterectomy	6	0.0	1.8	-----	0.0	3.4	-----	0.0	4.7	-----
Hip Replacement/Reconstruction	21	4.8	5.2	-----	4.8	9.4	-----	9.5	12.5	-----
Open Reduction of Hip Fracture	13	7.7	6.9	-----	7.7	12.6	-----	7.7	16.7	-----
Prostatectomy	56	0.0	0.6	1.3	1.8	1.4	1.6	3.6	2.3	2.3
Cholecystectomy	28	0.0	3.9	-----	0.0	6.6	-----	3.6	8.1	-----
Hysterectomy	12	0.0	0.2	-----	0.0	0.5	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

FRANKLIN REGIONAL MEDICAL CENTER

Medicare Provider Number: 390091

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.0 years
Proportion female	56.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.5 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	12.1 %
Admitted for emergency	5.6 %

COMORBIDITIES:

Cancer	10.0 %
Chronic cardiovascular disease	48.4 %
Chronic liver disease	1.2 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	25.7 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	7.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	65.5%
State	33.2%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	222
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.4 %
Case Mix Index (CMI)	1.1294

STAFFING:

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	93.0 %
Medical Residents/Interns	0
Registered Nurses	209
Licensed Practical Nurses	38

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

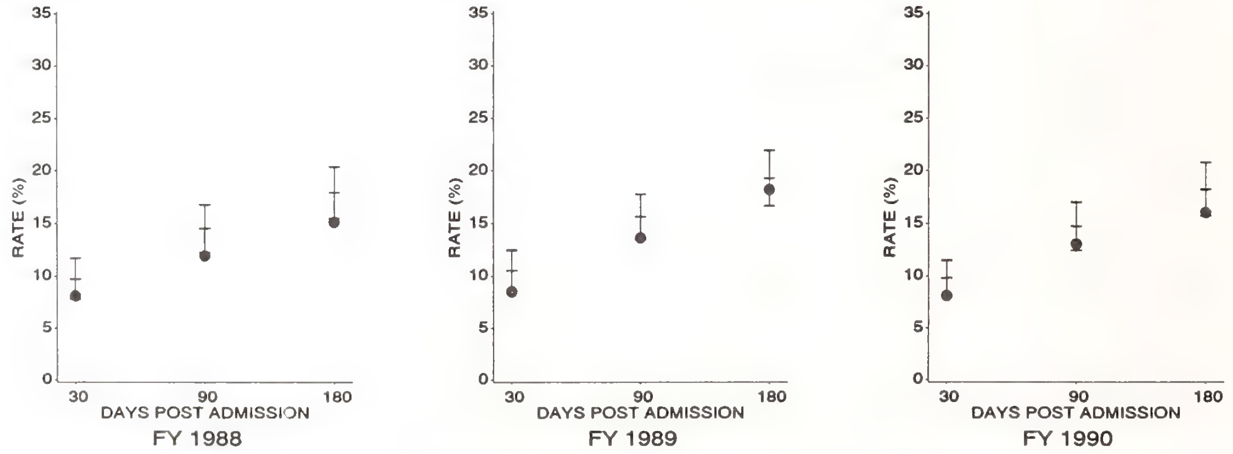
FRICK COMMUNITY HEALTH CENTER
508 SOUTH CHURCH ST
MOUNT PLEASANT, PA 15666
Medicare Provider Number: 390217

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1787	8.1	9.8	0.8	13.0	14.7	1.2	16.0	18.2	1.3
CONDITIONS:										
Acute Myocardial Infarction	53	24.5	29.7	8.5	24.5	32.9	9.5	28.3	35.6	9.6
Congestive Heart Failure	152	13.8	16.0	4.1	23.7	25.0	6.1	29.6	31.5	7.5
Pneumonia/Influenza	84	14.3	16.0	4.1	17.9	21.6	5.0	19.0	25.2	5.7
Chronic Obstructive Pulmonary Disease	53	7.5	9.1	4.1	13.2	15.6	5.9	15.1	20.2	7.3
Transient Cerebral Ischemia	33	0.0	1.8	-----	0.0	4.0	-----	3.0	6.4	-----
Stroke	83	18.1	21.3	5.5	25.3	29.3	8.3	28.9	33.8	9.2
Hip Fracture	32	9.4	7.4	-----	9.4	12.6	-----	9.4	15.9	-----
Sepsis	19	15.8	28.6	-----	15.8	34.6	-----	15.8	38.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	0.0	2.3	-----	9.1	4.5	-----	9.1	6.7	-----
Carotid Endarterectomy	2	0.0	0.8	-----	0.0	1.5	-----	0.0	2.4	-----
Hip Replacement/Reconstruction	19	10.5	3.6	-----	10.5	6.3	-----	10.5	8.4	-----
Open Reduction of Hip Fracture	23	8.7	6.1	-----	8.7	11.0	-----	8.7	14.3	-----
Prostatectomy	67	3.0	1.4	1.7	7.5	3.2	3.3	10.4	5.2	4.7
Cholecystectomy	32	0.0	2.6	-----	3.1	4.7	-----	3.1	6.1	-----
Hysterectomy	11	0.0	1.3	-----	0.0	3.0	-----	0.0	4.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FRICK COMMUNITY HEALTH CENTER
Medicare Provider Number: 390217

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.8 years	Cancer	6.6 %
Proportion female	57.5 %	Chronic cardiovascular disease	42.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	23.8 %	Chronic renal disease	3.7 %
Transferred from skilled nursing facility	2.3 %	Chronic pulmonary disease	20.9 %
Admitted for elective procedure	10.1 %	Cerebrovascular degeneration	2.6 %
Admitted for emergency	63.2 %	Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	61.6%	Hospital	8.7 Days
State	37.4%	State	9.2 Days
Outside State	1.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	179	Burn Unit	No
Occupancy Rate	71.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	40.9 %	Hospice Care	No
Case Mix Index (CMI)	1.1327	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	90	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	62.2 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	164	Rehabilitation	No
Licensed Practical Nurses	36	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

FULTON COUNTY MEDICAL CENTER

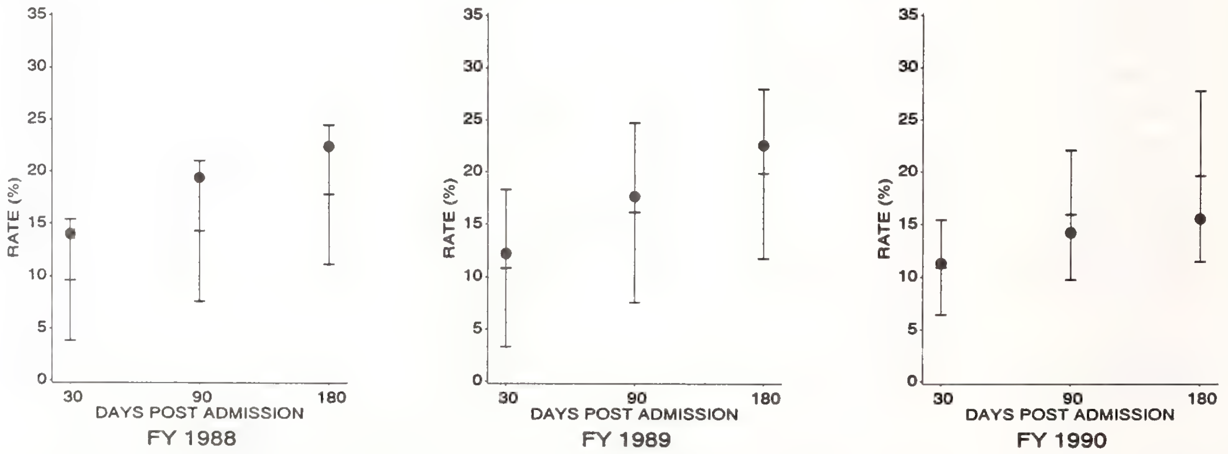
216 S 1ST ST
MCCONNELLSBURG, PA 17233
Medicare Provider Number: 390209

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	239	11.3	10.9	2.3	14.2	15.9	3.1	15.5	19.6	4.1
CONDITIONS:										
Acute Myocardial Infarction	11	36.4	18.2	-----	36.4	21.3	-----	36.4	24.1	-----
Congestive Heart Failure	22	18.2	13.9	-----	18.2	21.5	-----	18.2	27.3	-----
Pneumonia/Influenza	39	10.3	16.1	-----	15.4	21.0	-----	15.4	24.4	-----
Chronic Obstructive Pulmonary Disease	4	25.0	6.6	-----	25.0	11.8	-----	25.0	16.4	-----
Transient Cerebral Ischemia	10	0.0	2.2	-----	10.0	5.4	-----	10.0	9.1	-----
Stroke	9	22.2	24.5	-----	22.2	33.2	-----	22.2	38.0	-----
Hip Fracture	0									
Sepsis	5	0.0	21.4	-----	20.0	29.3	-----	20.0	33.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	1.4	-----	0.0	2.1	-----	0.0	2.6	-----
Hysterectomy	2	0.0	0.2	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FULTON COUNTY MEDICAL CENTER
Medicare Provider Number: 390209

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	49.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	20.9 %
Transferred from skilled nursing facility	0.8 %
Admitted for elective procedure	2.1 %
Admitted for emergency	15.1 %

COMORBIDITIES:

Cancer	4.6 %
Chronic cardiovascular disease	45.6 %
Chronic liver disease	1.3 %
Chronic renal disease	5.4 %
Chronic pulmonary disease	22.2 %
Cerebrovascular degeneration	0.8 %
Diabetes mellitus	28.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	63.8%
State	32.8%
Outside State	3.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	94
Occupancy Rate	74.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	32.7 %
Case Mix Index (CMI)	1.0004

STAFFING:

Total Number of Physicians	16
Percent of Physicians Board Certified Specialists	50.0 %
Medical Residents/Interns	0
Registered Nurses	21
Licensed Practical Nurses	17

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

* Not used in calculating mortality rates

GEISINGER MEDICAL CENTER

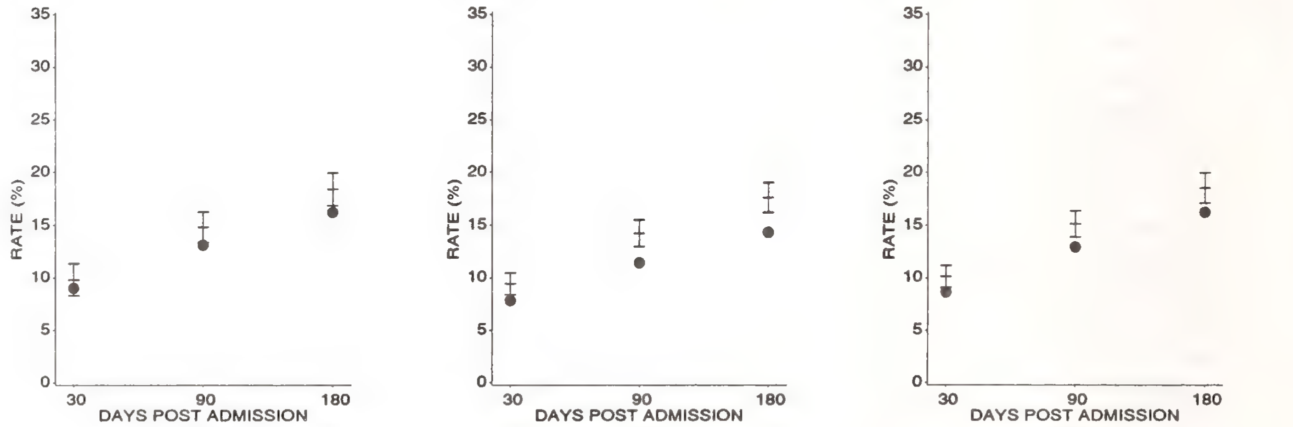
N ACADEMY AVE
DANVILLE, PA 17822
Medicare Provider Number: 390006

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	4129	8.6	10.1	0.5	12.9	15.1	0.6	16.2	18.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	142	29.6	25.4	6.5	31.7	28.7	6.1	36.6	31.7	6.0
Congestive Heart Failure	150	12.7	16.1	4.8	22.0	25.3	5.4	30.7	31.8	5.1
Pneumonia/Influenza	88	17.0	17.2	4.1	23.9	24.2	5.2	28.4	28.8	6.1
Chronic Obstructive Pulmonary Disease	31	16.1	10.2	-----	22.6	17.3	-----	25.8	22.4	-----
Transient Cerebral Ischemia	38	0.0	1.5	-----	0.0	3.5	-----	2.6	5.7	-----
Stroke	162	21.6	23.6	3.7	23.5	29.3	4.6	25.9	32.7	5.0
Hip Fracture	74	4.1	6.6	3.4	9.5	11.4	4.0	12.2	14.6	5.2
Sepsis	48	33.3	30.4	-----	37.5	40.8	-----	41.7	46.6	-----
PROCEDURES:										
Angioplasty	31	3.2	3.6	-----	3.2	4.8	-----	6.5	5.8	-----
Coronary Artery Bypass Graft	101	7.9	7.1	2.7	9.9	10.0	3.1	11.9	11.2	3.2
Initial Pacemaker Insertion	45	8.9	5.5	-----	8.9	9.9	-----	11.1	13.2	-----
Carotid Endarterectomy	29	0.0	2.2	-----	6.9	4.0	-----	6.9	5.6	-----
Hip Replacement/Reconstruction	125	0.0	2.7	2.0	1.6	5.1	2.7	1.6	6.9	3.4
Open Reduction of Hip Fracture	32	9.4	5.5	-----	15.6	10.0	-----	21.9	13.0	-----
Prostatectomy	98	0.0	1.3	1.3	0.0	2.8	2.3	1.0	4.6	3.0
Cholecystectomy	57	1.8	4.2	3.1	1.8	8.0	4.9	3.5	10.7	5.9
Hysterectomy	40	2.5	1.4	-----	7.5	3.1	-----	7.5	4.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

GEISINGER MEDICAL CENTER
Medicare Provider Number: 390006

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	71.4 years
Proportion female	49.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	25.2 %
Transferred from skilled nursing facility	3.1 %
Admitted for elective procedure	11.5 %
Admitted for emergency	61.2 %

COMORBIDITIES:	
Cancer	11.6 %
Chronic cardiovascular disease	43.3 %
Chronic liver disease	1.2 %
Chronic renal disease	5.9 %
Chronic pulmonary disease	14.4 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	10.5%
State	88.2%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	577
Occupancy Rate	74.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.8 %
Case Mix Index (CMI)	1.5996
STAFFING:	
Total Number of Physicians	259
Percent of Physicians Board Certified Specialists	91.9 %
Medical Residents/Interns	200
Registered Nurses	665
Licensed Practical Nurses	186

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

GEISINGER WYOMING VALLEY MEDICAL CENTER

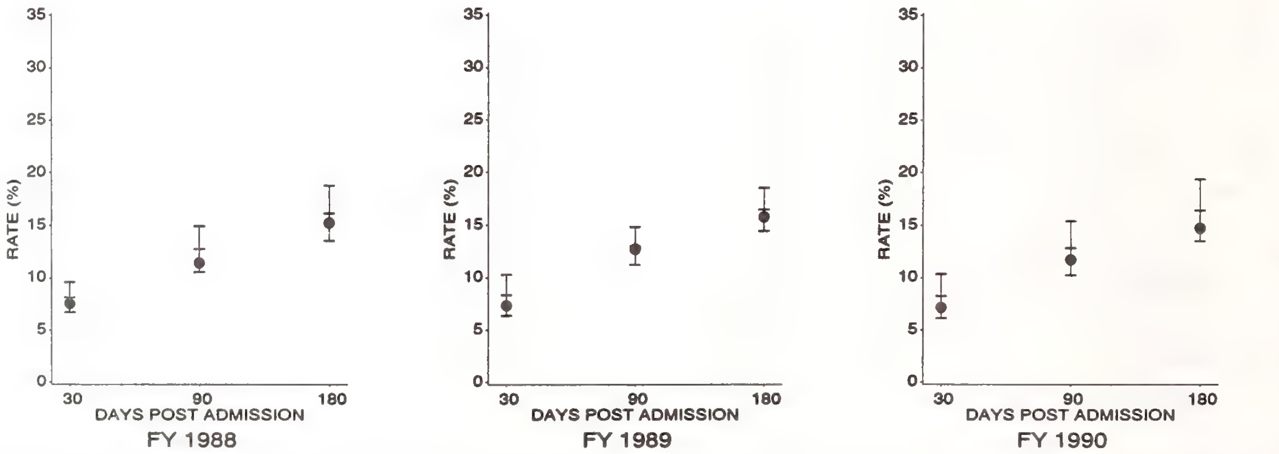
1000 E MTN DRIVE
WILKES BARRE, PA 18711
Medicare Provider Number: 390270

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1903	7.1	8.2	1.1	11.7	12.8	1.3	14.7	16.4	1.5
CONDITIONS:										
Acute Myocardial Infarction	64	23.4	19.6	8.0	28.1	23.1	9.1	39.1	26.1	11.3
Congestive Heart Failure	111	12.6	14.8	3.9	18.9	23.6	6.1	23.4	30.2	7.1
Pneumonia/Influenza	63	17.5	16.2	5.3	20.6	22.2	5.7	27.0	26.4	5.6
Chronic Obstructive Pulmonary Disease	58	5.2	7.6	4.4	8.6	14.1	7.4	12.1	19.1	8.2
Transient Cerebral Ischemia	47	6.4	2.2	-----	6.4	4.8	-----	6.4	7.6	-----
Stroke	67	10.4	15.5	6.6	20.9	21.8	5.4	25.4	25.4	5.5
Hip Fracture	45	6.7	7.4	-----	17.8	12.9	-----	17.8	16.4	-----
Sepsis	22	27.3	21.7	-----	40.9	28.7	-----	40.9	32.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	2.9	-----	11.1	5.7	-----	11.1	8.5	-----
Carotid Endarterectomy	11	0.0	1.4	-----	0.0	2.5	-----	0.0	3.7	-----
Hip Replacement/Reconstruction	32	6.3	3.4	-----	9.4	6.0	-----	9.4	7.7	-----
Open Reduction of Hip Fracture	22	0.0	6.7	-----	13.6	12.0	-----	13.6	15.7	-----
Prostatectomy	40	0.0	1.6	-----	2.5	3.7	-----	2.5	6.3	-----
Cholecystectomy	23	0.0	2.6	-----	0.0	4.7	-----	4.3	6.0	-----
Hysterectomy	15	0.0	0.2	-----	0.0	0.5	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

GEISINGER WYOMING VALLEY MEDICAL CENTER

Medicare Provider Number: 390270

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.5 years	Cancer	8.0 %
Proportion female	58.9 %	Chronic cardiovascular disease	38.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.9 %
Referred by personal or HMO physician	40.3 %	Chronic renal disease	2.8 %
Transferred from skilled nursing facility	0.4 %	Chronic pulmonary disease	20.5 %
Admitted for elective procedure	16.1 %	Cerebrovascular degeneration	4.5 %
Admitted for emergency	74.8 %	Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	83.4%	Hospital	10.0 Days
State	14.4%	State	9.2 Days
Outside State	2.2%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	230	Burn Unit	No
Occupancy Rate	72.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	40.6 %	Hospice Care	No
Case Mix Index (CMI)	1.2687	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	91	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	78.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	174	Rehabilitation	Yes
Licensed Practical Nurses	53	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

GERMANTOWN HOSPITAL MEDICAL CENTER

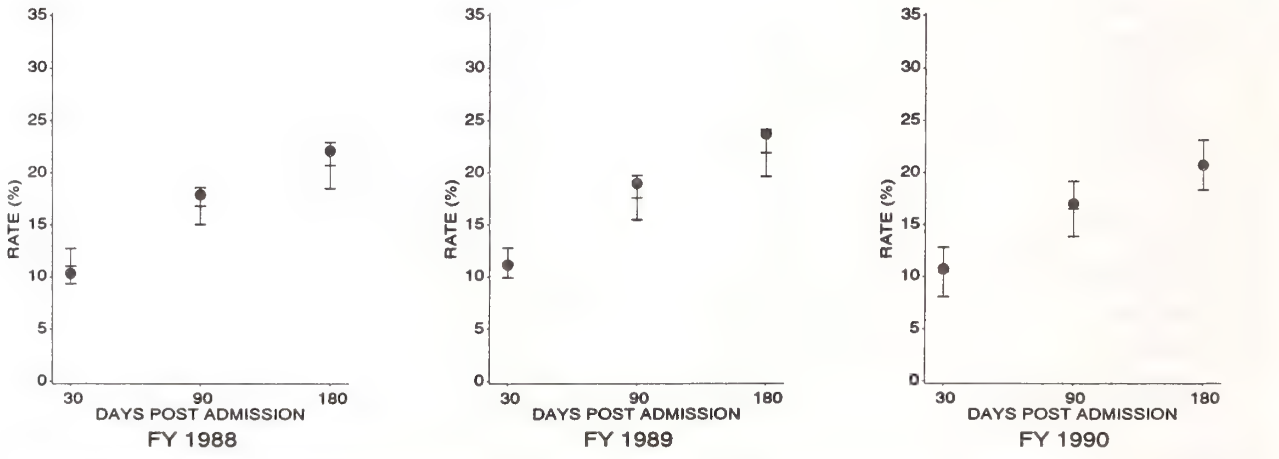
ONE PENN BOULEVARD
PHILADELPHIA, PA 19144
Medicare Provider Number: 390088

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1845	10.7	10.4	1.2	17.0	16.5	1.3	20.7	20.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	43	27.9	27.2	-----	30.2	30.7	-----	32.6	33.7	-----
Congestive Heart Failure	133	13.5	13.9	4.4	21.1	22.3	6.7	26.3	28.4	7.0
Pneumonia/Influenza	58	19.0	17.5	5.4	27.6	24.7	6.5	32.8	29.2	6.7
Chronic Obstructive Pulmonary Disease	25	8.0	10.0	-----	12.0	17.2	-----	12.0	22.2	-----
Transient Cerebral Ischemia	29	3.4	2.1	-----	3.4	4.8	-----	6.9	7.9	-----
Stroke	106	16.0	18.8	4.9	25.5	25.9	4.3	31.1	29.8	4.6
Hip Fracture	52	3.8	5.5	3.6	9.6	10.1	4.2	13.5	13.6	5.8
Sepsis	48	31.3	23.8	-----	35.4	32.5	-----	43.8	37.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	1.7	-----	0.0	3.4	-----	0.0	5.3	-----
Carotid Endarterectomy	2	0.0	2.2	-----	0.0	3.7	-----	0.0	5.4	-----
Hip Replacement/Reconstruction	38	7.9	3.9	-----	13.2	7.7	-----	15.8	10.7	-----
Open Reduction of Hip Fracture	27	0.0	5.1	-----	7.4	9.3	-----	11.1	12.7	-----
Prostatectomy	57	0.0	1.6	2.7	3.5	3.9	3.2	7.0	6.5	4.0
Cholecystectomy	25	16.0	4.4	-----	16.0	8.6	-----	16.0	11.8	-----
Hysterectomy	11	0.0	1.2	-----	0.0	3.1	-----	0.0	5.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

GERMANTOWN HOSPITAL MEDICAL CENTER
Medicare Provider Number: 390088

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.9 years
Proportion female	60.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	74.7 %
Transferred from skilled nursing facility	16.4 %
Admitted for elective procedure	14.5 %
Admitted for emergency	79.0 %

COMORBIDITIES:

Cancer	9.4 %
Chronic cardiovascular disease	31.9 %
Chronic liver disease	1.0 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	11.4 %
Cerebrovascular degeneration	6.2 %
Diabetes mellitus	9.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.8%
State	9.0%
Outside State	3.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	215
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.2 %
Case Mix Index (CMI)	1.3533

STAFFING:

Total Number of Physicians	156
Percent of Physicians Board Certified Specialists	78.8 %
Medical Residents/Interns	18
Registered Nurses	198
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

GETTYSBURG HOSPITAL

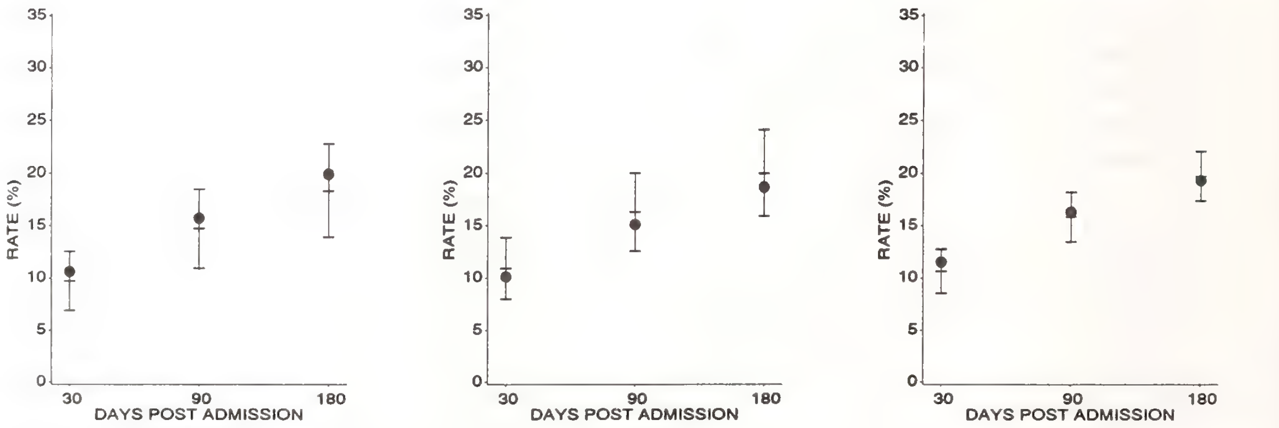
147 GETTYS ST
GETTYSBURG, PA 17325
Medicare Provider Number: 390065

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1246	11.5	10.6	1.1	16.3	15.8	1.2	19.3	19.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	60	36.7	27.1	10.8	41.7	30.4	12.5	45.0	33.2	12.0
Congestive Heart Failure	76	14.5	16.1	4.9	25.0	25.1	5.0	28.9	31.9	6.7
Pneumonia/Influenza	57	14.0	14.6	4.8	21.1	19.9	5.6	22.8	23.6	6.3
Chronic Obstructive Pulmonary Disease	22	4.5	9.0	-----	9.1	15.3	-----	18.2	20.4	-----
Transient Cerebral Ischemia	25	8.0	2.1	-----	16.0	4.8	-----	20.0	7.7	-----
Stroke	54	25.9	18.6	8.1	27.8	25.4	6.5	27.8	29.4	7.2
Hip Fracture	37	10.8	6.8	-----	10.8	11.5	-----	13.5	14.8	-----
Sepsis	27	18.5	24.1	-----	22.2	31.1	-----	22.2	36.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	9.1	4.4	-----	18.2	8.0	-----	18.2	10.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	30	3.3	4.3	-----	3.3	7.7	-----	6.7	10.0	-----
Open Reduction of Hip Fracture	8	12.5	4.9	-----	12.5	9.0	-----	12.5	11.9	-----
Prostatectomy	51	0.0	1.1	2.5	2.0	2.4	3.9	3.9	3.9	6.1
Cholecystectomy	18	5.6	2.3	-----	5.6	4.2	-----	5.6	5.5	-----
Hysterectomy	9	0.0	0.2	-----	0.0	0.6	-----	0.0	1.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

GETTYSBURG HOSPITAL

Medicare Provider Number: 390065

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.6 years	Cancer	10.2 %
Proportion female	56.5 %	Chronic cardiovascular disease	40.5 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.9 %
Referred by personal or HMO physician	28.4 %	Chronic renal disease	2.4 %
Transferred from skilled nursing facility	1.2 %	Chronic pulmonary disease	24.6 %
Admitted for elective procedure	14.4 %	Cerebrovascular degeneration	3.3 %
Admitted for emergency	32.7 %	Diabetes mellitus	10.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	76.9%	Hospital	7.2 Days
State	5.6%	State	9.2 Days
Outside State	17.5%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	102	Burn Unit	No
Occupancy Rate	64.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	40.0 %	Hospice Care	No
Case Mix Index (CMI)	1.2533	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	63	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	76.2 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	121	Rehabilitation	No
Licensed Practical Nurses	45	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

GNADEN HUETTEN MEMORIAL HOSPITAL

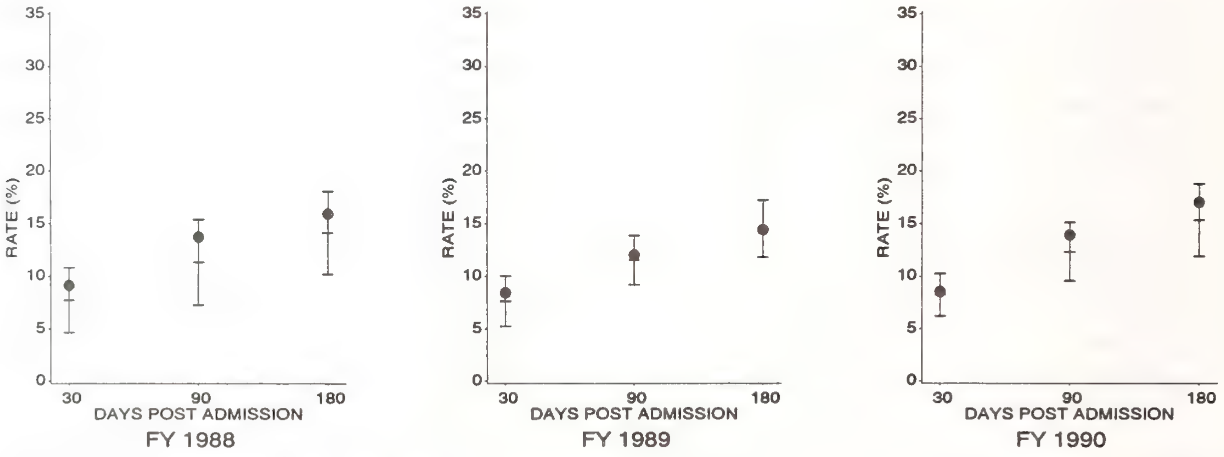
11TH & HAMILTON STS
LEHIGHTON, PA 18235
Medicare Provider Number: 390194

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	901	8.5	8.2	1.0	13.9	12.3	1.4	17.0	15.3	1.7
CONDITIONS:										
Acute Myocardial Infarction	35	28.6	24.4	-----	31.4	27.5	-----	34.3	30.2	-----
Congestive Heart Failure	54	22.2	13.1	8.5	31.5	20.2	10.6	37.0	25.7	11.2
Pneumonia/Influenza	33	9.1	13.8	-----	21.2	18.3	-----	24.2	21.6	-----
Chronic Obstructive Pulmonary Disease	10	10.0	5.1	-----	20.0	9.8	-----	20.0	14.3	-----
Transient Cerebral Ischemia	16	0.0	1.3	-----	0.0	3.0	-----	0.0	5.1	-----
Stroke	34	20.6	18.4	-----	29.4	25.4	-----	32.4	29.4	-----
Hip Fracture	18	0.0	6.8	-----	11.1	11.4	-----	11.1	14.3	-----
Sepsis	15	26.7	30.4	-----	26.7	36.5	-----	26.7	40.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.5	-----	0.0	5.1	-----	0.0	7.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	5.9	-----	0.0	9.6	-----	0.0	11.9	-----
Open Reduction of Hip Fracture	11	0.0	5.8	-----	9.1	10.2	-----	9.1	13.3	-----
Prostatectomy	40	0.0	1.2	-----	2.5	2.6	-----	5.0	4.4	-----
Cholecystectomy	15	0.0	2.0	-----	0.0	3.9	-----	0.0	5.2	-----
Hysterectomy	10	0.0	1.9	-----	0.0	3.5	-----	10.0	4.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

GNADEN HUETTEN MEMORIAL HOSPITAL
Medicare Provider Number: 390194

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.2 years
Proportion female	54.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	36.5 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	11.9 %
Admitted for emergency	24.3 %

COMORBIDITIES:	
Cancer	6.9 %
Chronic cardiovascular disease	38.8 %
Chronic liver disease	1.0 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	17.2 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	8.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	82.4%
State	15.5%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	205
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.6 %
Case Mix Index (CMI)	1.0691
STAFFING:	
Total Number of Physicians	60
Percent of Physicians Board Certified Specialists	48.3 %
Medical Residents/Interns	0
Registered Nurses	98
Licensed Practical Nurses	38

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

GOOD SAMARITAN HOSPITAL

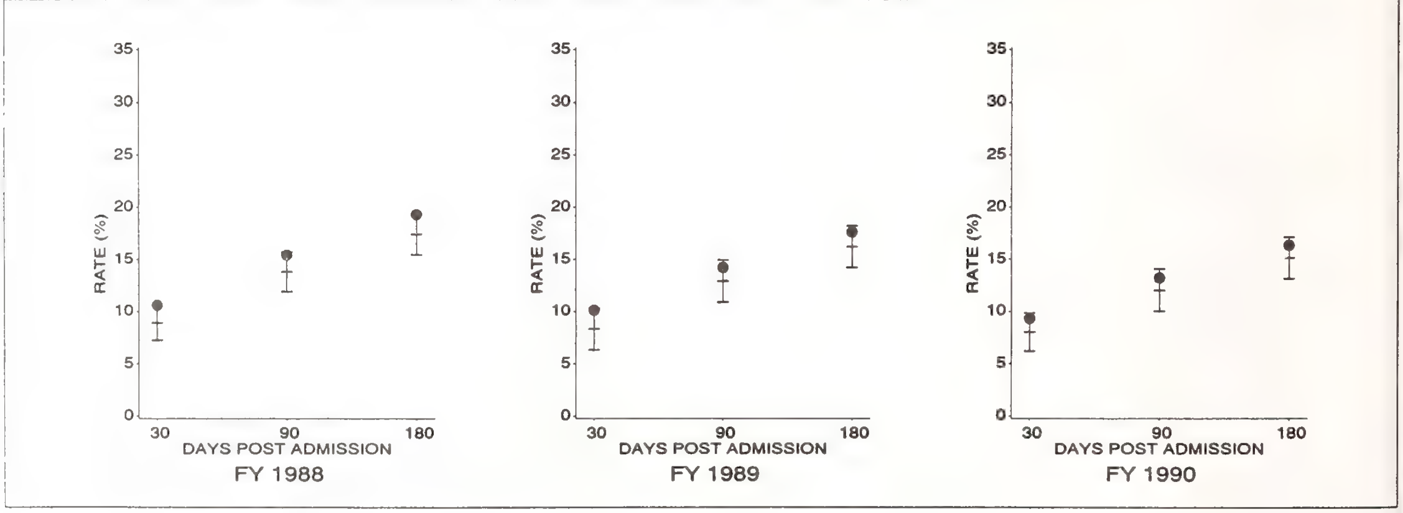
FOURTH & WALNUT STREETS
LEBANON, PA 17042
Medicare Provider Number: 390066

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2046	9.3	8.0	0.9	13.2	12.0	1.0	16.3	15.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	76	28.9	27.3	6.0	31.6	30.2	5.8	35.5	32.9	5.8
Congestive Heart Failure	132	15.9	13.8	4.9	23.5	21.7	6.0	32.6	27.6	7.4
Pneumonia/Influenza	68	16.2	13.4	5.0	22.1	18.4	5.6	25.0	21.9	5.9
Chronic Obstructive Pulmonary Disease	38	21.1	7.9	-----	21.1	13.9	-----	21.1	18.2	-----
Transient Cerebral Ischemia	19	0.0	1.9	-----	5.3	4.1	-----	5.3	6.4	-----
Stroke	73	27.4	19.4	8.2	30.1	26.0	8.1	34.2	29.8	7.5
Hip Fracture	88	9.1	5.6	5.2	14.8	9.9	6.9	17.0	13.1	7.9
Sepsis	40	22.5	21.8	-----	30.0	29.0	-----	32.5	33.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	27	0.0	2.2	-----	0.0	4.7	-----	3.7	7.3	-----
Carotid Endarterectomy	6	0.0	1.2	-----	0.0	2.0	-----	0.0	2.9	-----
Hip Replacement/Reconstruction	45	2.2	3.2	-----	6.7	5.9	-----	8.9	7.9	-----
Open Reduction of Hip Fracture	53	9.4	4.8	4.7	15.1	8.8	6.3	15.1	12.0	6.6
Prostatectomy	88	0.0	0.9	1.3	0.0	2.1	2.2	1.1	3.5	2.5
Cholecystectomy	63	6.3	3.8	3.6	7.9	7.6	4.9	11.1	10.4	5.0
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



GOOD SAMARITAN HOSPITAL
Medicare Provider Number: 390066

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.0 years	Cancer	5.8 %
Proportion female	56.7 %	Chronic cardiovascular disease	42.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	22.0 %	Chronic renal disease	2.3 %
Transferred from skilled nursing facility	1.1 %	Chronic pulmonary disease	15.6 %
Admitted for elective procedure	15.9 %	Cerebrovascular degeneration	3.7 %
Admitted for emergency	22.4 %	Diabetes mellitus	10.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	90.0%	Hospital	8.3 Days
State	8.7%	State	9.2 Days
Outside State	1.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	130	Burn Unit	No
Occupancy Rate	83.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	49.7 %	Hospice Care	Yes
Case Mix Index (CMI)	1.2918	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	127	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	82.7 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	149	Rehabilitation	Yes
Licensed Practical Nurses	61	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

GOOD SAMARITAN REGIONAL MEDICAL CENTER

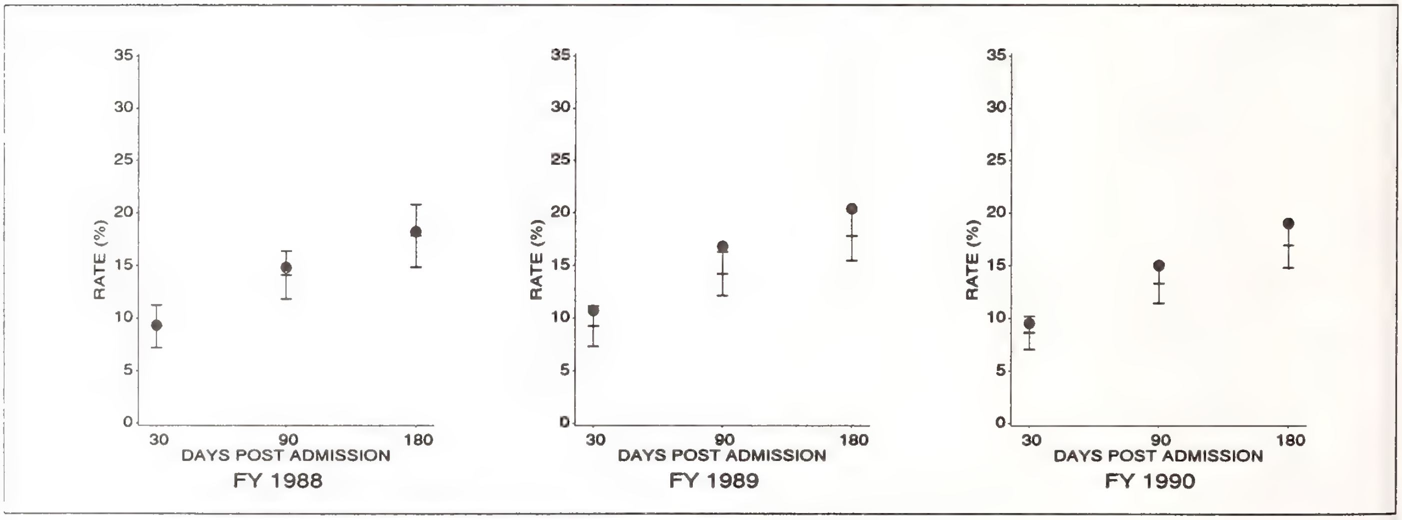
E NORWEGIAN & TREMONT STS
POTTSVILLE, PA 17901
Medicare Provider Number: 390031

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2592	9.5	8.6	0.8	15.0	13.3	1.0	19.0	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	87	28.7	22.4	5.6	33.3	25.5	6.5	33.3	28.4	6.7
Congestive Heart Failure	206	18.4	14.5	4.9	26.7	22.7	6.0	32.0	28.9	6.0
Pneumonia/Influenza	85	15.3	15.1	4.2	23.5	21.0	5.6	31.8	25.0	7.4
Chronic Obstructive Pulmonary Disease	41	4.9	6.8	-----	7.3	12.1	-----	14.6	16.7	-----
Transient Cerebral Ischemia	81	0.0	2.0	3.0	3.7	4.4	4.0	6.2	7.0	6.0
Stroke	105	16.2	18.4	5.3	23.8	25.3	4.5	30.5	29.4	4.5
Hip Fracture	56	12.5	6.5	4.2	12.5	11.3	4.8	12.5	14.6	6.6
Sepsis	32	15.6	19.5	-----	21.9	27.0	-----	28.1	31.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	34	2.9	3.1	-----	8.8	6.0	-----	11.8	8.8	-----
Carotid Endarterectomy	6	16.7	0.9	-----	16.7	1.7	-----	16.7	2.6	-----
Hip Replacement/Reconstruction	26	0.0	4.3	-----	0.0	8.0	-----	0.0	10.8	-----
Open Reduction of Hip Fracture	30	6.7	5.9	-----	6.7	10.3	-----	6.7	13.3	-----
Prostatectomy	89	1.1	1.2	1.8	4.5	2.7	2.2	7.9	4.7	3.1
Cholecystectomy	45	2.2	1.5	-----	4.4	2.5	-----	6.7	3.2	-----
Hysterectomy	13	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

GOOD SAMARITAN REGIONAL MEDICAL CENTER

Medicare Provider Number: 390031

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.5 years	Cancer	8.5 %
Proportion female	58.0 %	Chronic cardiovascular disease	49.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.4 %
Referred by personal or HMO physician	34.8 %	Chronic renal disease	3.9 %
Transferred from skilled nursing facility	0.8 %	Chronic pulmonary disease	26.9 %
Admitted for elective procedure	12.7 %	Cerebrovascular degeneration	3.1 %
Admitted for emergency	8.5 %	Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	95.1%	Hospital	10.2 Days
State	3.9%	State	9.2 Days
Outside State	1.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	211	Burn Unit	No
Occupancy Rate	79.0 %	Cardiac Intensive Care	Yes
Ownership/Control	Church	Comprehensive Geriatric	Yes
Medicare Discharges	49.9 %	Hospice Care	No
Case Mix Index (CMI)	1.1307	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	114	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	67.5 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	142	Alcohol/Drug	No
Licensed Practical Nurses	65	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

GRADUATE HOSPITAL

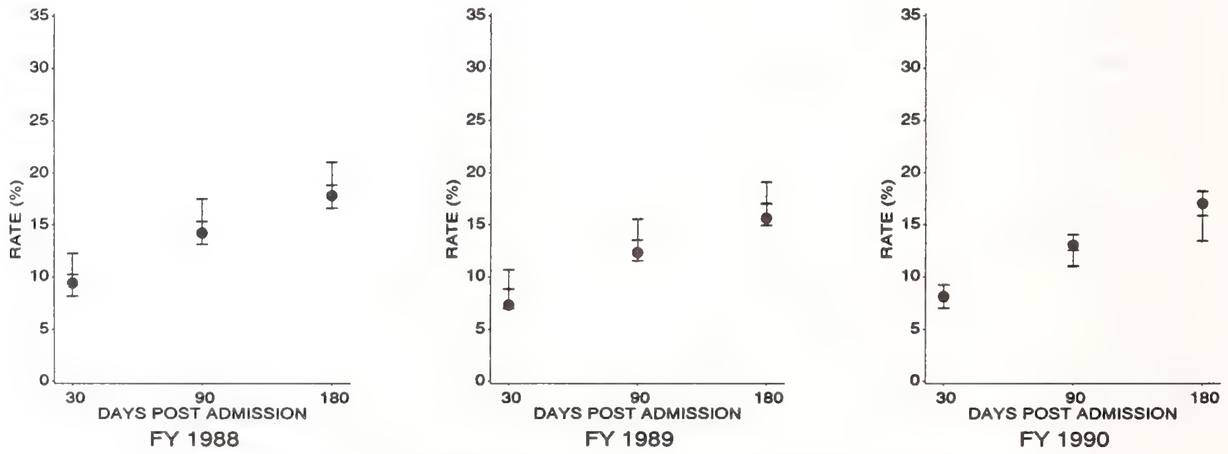
ONE GRADUATE PLAZA
PHILADELPHIA, PA 19146
Medicare Provider Number: 390170

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2391	8.1	8.1	0.6	13.0	12.5	0.8	17.0	15.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	72	22.2	23.6	5.1	26.4	26.9	5.3	29.2	29.6	5.4
Congestive Heart Failure	86	5.8	13.7	5.4	11.6	22.3	6.4	19.8	28.4	6.6
Pneumonia/Influenza	45	17.8	14.6	-----	24.4	20.0	-----	24.4	23.6	-----
Chronic Obstructive Pulmonary Disease	22	9.1	13.9	-----	18.2	23.5	-----	27.3	30.1	-----
Transient Cerebral Ischemia	20	0.0	2.0	-----	0.0	4.3	-----	0.0	6.8	-----
Stroke	42	26.2	23.8	-----	35.7	29.8	-----	35.7	33.1	-----
Hip Fracture	36	2.8	4.5	-----	2.8	8.5	-----	5.6	11.5	-----
Sepsis	12	41.7	22.5	-----	58.3	33.2	-----	58.3	39.3	-----
PROCEDURES:										
Angioplasty	105	2.9	2.6	2.1	3.8	3.6	2.0	4.8	4.6	2.1
Coronary Artery Bypass Graft	101	10.9	5.4	4.8	12.9	8.3	5.6	14.9	9.6	5.9
Initial Pacemaker Insertion	11	0.0	2.6	-----	9.1	5.2	-----	9.1	7.7	-----
Carotid Endarterectomy	13	0.0	1.2	-----	0.0	2.1	-----	7.7	3.1	-----
Hip Replacement/Reconstruction	22	0.0	3.5	-----	0.0	6.9	-----	4.5	9.8	-----
Open Reduction of Hip Fracture	20	0.0	4.6	-----	0.0	8.9	-----	0.0	12.1	-----
Prostatectomy	58	0.0	0.9	1.5	3.4	2.0	2.4	3.4	3.3	2.4
Cholecystectomy	18	5.6	3.6	-----	5.6	5.7	-----	5.6	6.7	-----
Hysterectomy	5	0.0	0.2	-----	0.0	0.5	-----	0.0	1.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



GRADUATE HOSPITAL
Medicare Provider Number: 390170

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.2 years
Proportion female	51.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	48.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	39.9 %
Admitted for emergency	38.9 %

COMORBIDITIES:

Cancer	8.7 %
Chronic cardiovascular disease	38.9 %
Chronic liver disease	0.9 %
Chronic renal disease	4.6 %
Chronic pulmonary disease	7.9 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	8.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	65.7%
State	14.9%
Outside State	19.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	310
Occupancy Rate	81.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.5595

STAFFING:

Total Number of Physicians	566
Percent of Physicians Board Certified Specialists	86.7 %
Medical Residents/Interns	110
Registered Nurses	364
Licensed Practical Nurses	2

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

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* Not used in calculating mortality rates

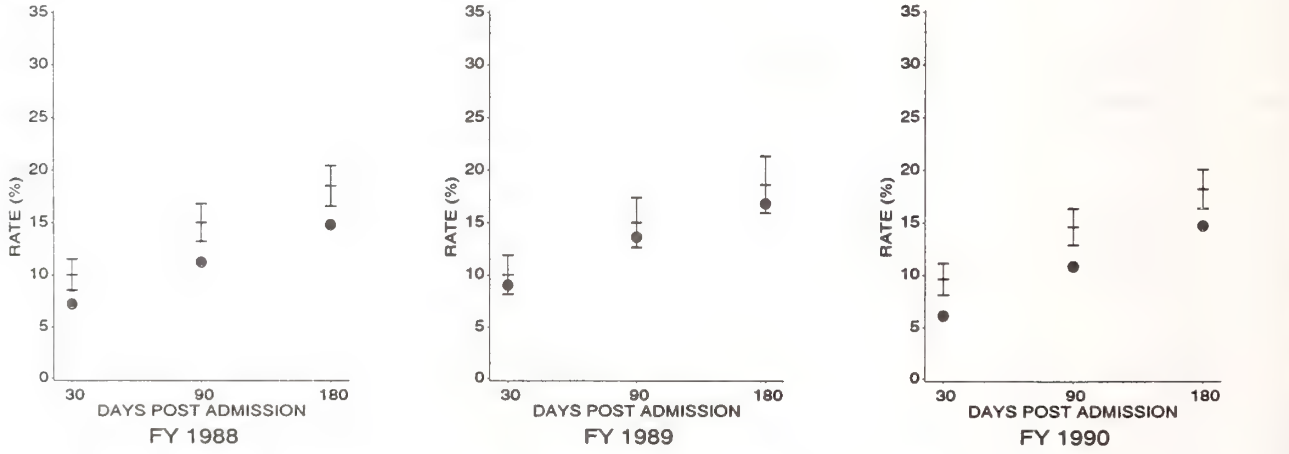
GRAND VIEW HOSPITAL
LAWN AVE
SELLERSVILLE, PA 18960
Medicare Provider Number: 390057

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1934	6.1	9.6	0.8	10.8	14.6	0.9	14.7	18.2	0.9
CONDITIONS:										
Acute Myocardial Infarction	73	17.8	26.8	8.0	23.3	30.6	8.5	24.7	33.5	7.3
Congestive Heart Failure	98	5.1	16.5	5.2	16.3	25.6	5.8	21.4	31.7	6.0
Pneumonia/Influenza	97	6.2	16.1	5.2	14.4	22.0	5.3	20.6	25.9	5.3
Chronic Obstructive Pulmonary Disease	28	3.6	9.0	-----	3.6	15.1	-----	10.7	19.7	-----
Transient Cerebral Ischemia	42	2.4	1.5	-----	4.8	3.4	-----	9.5	5.5	-----
Stroke	69	14.5	19.6	8.4	20.3	25.9	10.3	24.6	29.7	11.1
Hip Fracture	37	2.7	6.1	-----	5.4	10.9	-----	10.8	14.4	-----
Sepsis	29	34.5	35.2	-----	41.4	45.0	-----	44.8	50.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	21	0.0	3.0	-----	0.0	6.4	-----	0.0	9.7	-----
Carotid Endarterectomy	6	33.3	1.9	-----	33.3	3.4	-----	33.3	5.0	-----
Hip Replacement/Reconstruction	49	0.0	1.7	-----	2.0	3.2	-----	4.1	4.5	-----
Open Reduction of Hip Fracture	23	4.3	5.4	-----	4.3	9.8	-----	4.3	12.9	-----
Prostatectomy	87	1.1	1.3	1.2	3.4	2.9	1.9	4.6	4.7	2.4
Cholecystectomy	46	4.3	3.7	-----	8.7	6.5	-----	8.7	8.3	-----
Hysterectomy	13	0.0	1.5	-----	0.0	3.4	-----	0.0	5.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

GRAND VIEW HOSPITAL

Medicare Provider Number: 390057

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.3 years
Proportion female	53.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.6 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	10.2 %
Admitted for emergency	77.8 %

COMORBIDITIES:	
Cancer	10.0 %
Chronic cardiovascular disease	40.7 %
Chronic liver disease	0.9 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	12.1 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	6.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	35.5%
State	62.4%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	250
Occupancy Rate	68.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	39.1 %
Case Mix Index (CMI)	1.2876
STAFFING:	
Total Number of Physicians	136
Percent of Physicians Board Certified Specialists	95.6 %
Medical Residents/Interns	0
Registered Nurses	298
Licensed Practical Nurses	29

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

GREENE COUNTY MEMORIAL HOSPITAL

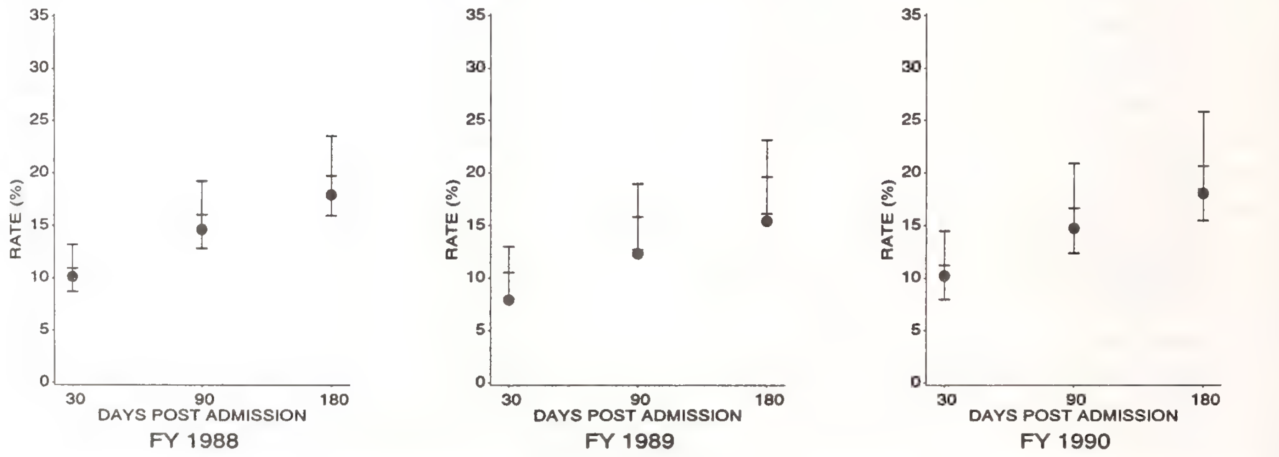
SEVENTH & BONAR STREETS
WAYNESBURG, PA 15370
Medicare Provider Number: 390150

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
CATEGORY	NUMBER OF CASES	30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	972	10.2	11.2	1.6	14.7	16.6	2.1	18.0	20.6	2.6
CONDITIONS:										
Acute Myocardial Infarction	44	34.1	28.5	-----	34.1	32.0	-----	36.4	35.0	-----
Congestive Heart Failure	65	12.3	15.1	4.7	18.5	23.5	6.0	24.6	29.7	6.1
Pneumonia/Influenza	66	10.6	16.3	7.1	18.2	22.6	6.2	24.2	26.7	5.8
Chronic Obstructive Pulmonary Disease	23	0.0	6.3	-----	0.0	11.1	-----	0.0	15.1	-----
Transient Cerebral Ischemia	19	0.0	2.7	-----	5.3	6.1	-----	5.3	10.1	-----
Stroke	53	13.2	19.3	7.5	22.6	26.6	7.2	30.2	31.0	6.4
Hip Fracture	16	25.0	7.7	-----	25.0	13.3	-----	25.0	17.1	-----
Sepsis	24	16.7	23.5	-----	20.8	31.4	-----	20.8	36.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	28.6	13.3	-----	57.1	22.8	-----	57.1	28.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	5.7	-----	14.3	9.7	-----	14.3	12.9	-----
Open Reduction of Hip Fracture	8	25.0	5.7	-----	25.0	10.3	-----	25.0	13.4	-----
Prostatectomy	33	3.0	1.2	-----	3.0	2.9	-----	3.0	5.0	-----
Cholecystectomy	14	0.0	3.2	-----	0.0	5.5	-----	0.0	6.9	-----
Hysterectomy	3	0.0	0.9	-----	0.0	1.9	-----	0.0	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



GREENE COUNTY MEMORIAL HOSPITAL
Medicare Provider Number: 390150

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.7 years
Proportion female	59.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	23.6 %
Transferred from skilled nursing facility	10.2 %
Admitted for elective procedure	8.1 %
Admitted for emergency	5.1 %

COMORBIDITIES:

Cancer	6.9 %
Chronic cardiovascular disease	45.1 %
Chronic liver disease	0.6 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	22.5 %
Cerebrovascular degeneration	4.7 %
Diabetes mellitus	8.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	86.2%
State	11.3%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	86
Occupancy Rate	58.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	49.9 %
Case Mix Index (CMI)	1.2052

STAFFING:

Total Number of Physicians	30
Percent of Physicians Board Certified Specialists	56.7 %
Medical Residents/Interns	0
Registered Nurses	76
Licensed Practical Nurses	33

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

GREENVILLE REGIONAL HOSPITAL

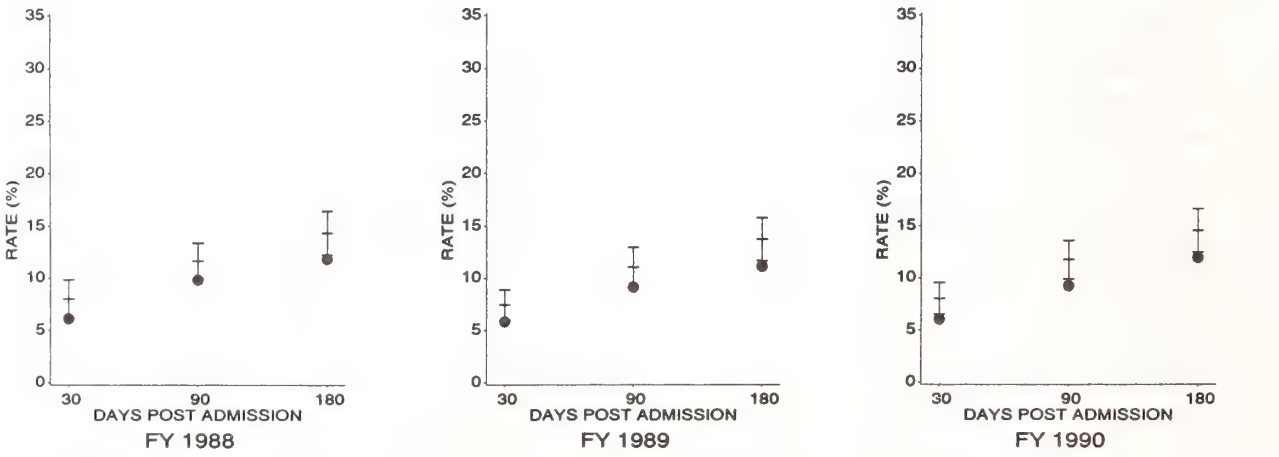
110 N MAIN ST
GREENVILLE, PA 16125
Medicare Provider Number: 390178

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	2050	6.0	8.0	0.8	9.2	11.7	0.9	11.9	14.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	51	29.4	31.4	6.6	31.4	33.8	6.8	31.4	36.4	7.2
Congestive Heart Failure	108	18.5	16.0	3.8	31.5	24.4	5.9	36.1	30.6	6.1
Pneumonia/Influenza	76	13.2	15.9	4.4	18.4	21.8	5.4	21.1	25.8	6.5
Chronic Obstructive Pulmonary Disease	21	4.8	9.0	-----	9.5	16.0	-----	9.5	21.5	-----
Transient Cerebral Ischemia	23	4.3	1.9	-----	4.3	4.5	-----	4.3	7.4	-----
Stroke	61	19.7	23.4	5.6	21.3	29.1	6.6	26.2	32.8	6.6
Hip Fracture	46	6.5	7.4	-----	13.0	12.9	-----	17.4	16.7	-----
Sepsis	21	9.5	30.4	-----	9.5	38.6	-----	19.0	43.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.4	-----	20.0	4.4	-----	20.0	6.5	-----
Carotid Endarterectomy	16	0.0	1.8	-----	0.0	3.6	-----	6.3	5.3	-----
Hip Replacement/Reconstruction	119	2.5	1.3	2.1	4.2	2.4	2.7	4.2	3.3	2.9
Open Reduction of Hip Fracture	25	4.0	7.1	-----	4.0	13.0	-----	8.0	17.1	-----
Prostatectomy	78	0.0	1.0	-----	1.3	2.1	-----	1.3	3.6	-----
Cholecystectomy	44	2.3	3.3	-----	2.3	5.8	-----	4.5	7.3	-----
Hysterectomy	3	0.0	2.7	-----	0.0	5.9	-----	0.0	8.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

GREENVILLE REGIONAL HOSPITAL

Medicare Provider Number: 390178

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.9 years
Proportion female	53.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	21.6 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	28.8 %
Admitted for emergency	57.9 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	34.0 %
Chronic liver disease	1.0 %
Chronic renal disease	1.7 %
Chronic pulmonary disease	15.1 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	7.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	64.5%
State	18.1%
Outside State	17.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	201
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.3 %
Case Mix Index (CMI)	1.3462

STAFFING:

Total Number of Physicians	68
Percent of Physicians Board Certified Specialists	64.7 %
Medical Residents/Interns	0
Registered Nurses	241
Licensed Practical Nurses	50

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

HAHNEMANN UNIVERSITY HOSPITAL

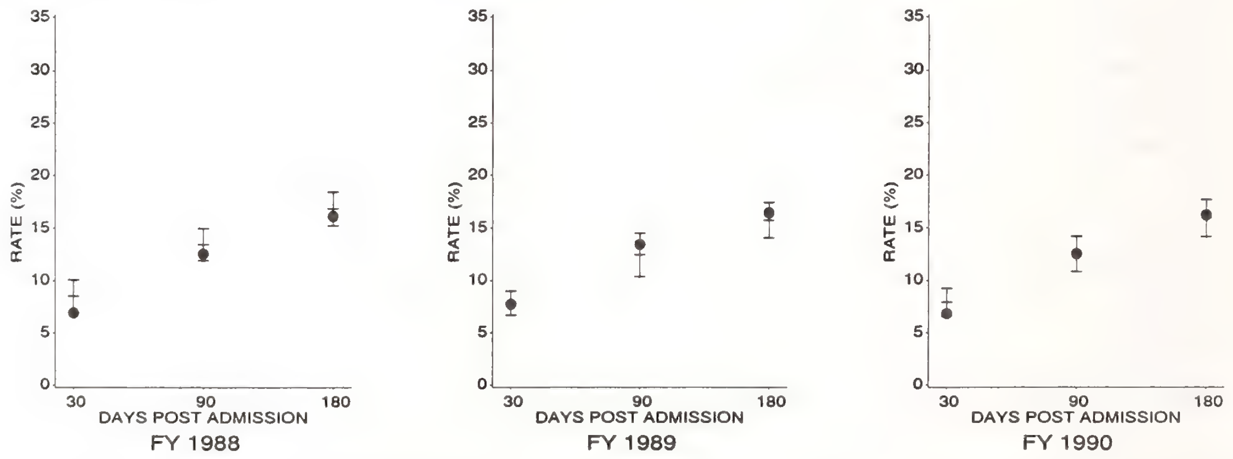
230 N BROAD ST
PHILADELPHIA, PA 19102
Medicare Provider Number: 390051

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	2604	6.8	7.9	0.7	12.5	12.5	0.8	16.2	15.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	53	22.6	27.0	8.5	26.4	30.8	8.4	30.2	33.9	9.0
Congestive Heart Failure	101	9.9	14.1	4.7	20.8	23.0	4.7	25.7	29.2	5.1
Pneumonia/Influenza	46	8.7	17.9	-----	15.2	25.0	-----	23.9	29.5	-----
Chronic Obstructive Pulmonary Disease	16	0.0	8.2	-----	6.3	14.4	-----	12.5	18.6	-----
Transient Cerebral Ischemia	17	0.0	1.6	-----	0.0	3.6	-----	0.0	5.8	-----
Stroke	61	24.6	20.1	9.5	31.1	26.9	10.5	34.4	30.5	10.8
Hip Fracture	24	12.5	6.1	-----	25.0	11.2	-----	29.2	15.0	-----
Sepsis	21	23.8	24.8	-----	33.3	35.6	-----	47.6	42.0	-----
PROCEDURES:										
Angioplasty	82	1.2	2.3	2.3	3.7	3.5	2.2	4.9	4.7	2.5
Coronary Artery Bypass Graft	252	5.6	6.5	1.9	9.5	9.8	2.5	10.3	11.2	2.7
Initial Pacemaker Insertion	20	0.0	2.5	-----	10.0	5.7	-----	10.0	8.7	-----
Carotid Endarterectomy	4	0.0	1.2	-----	0.0	2.1	-----	0.0	3.1	-----
Hip Replacement/Reconstruction	44	4.5	1.7	-----	9.1	3.0	-----	11.4	4.3	-----
Open Reduction of Hip Fracture	11	9.1	5.6	-----	27.3	11.1	-----	27.3	15.0	-----
Prostatectomy	57	1.8	1.3	2.7	7.0	3.1	4.4	12.3	5.3	6.2
Cholecystectomy	18	5.6	3.3	-----	11.1	6.9	-----	11.1	9.9	-----
Hysterectomy	5	0.0	0.2	-----	0.0	0.5	-----	0.0	1.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

HAHNEMANN UNIVERSITY HOSPITAL

Medicare Provider Number: 390051

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	69.8 years
Proportion female	48.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	52.8 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	38.4 %
Admitted for emergency	48.2 %

COMORBIDITIES:

Cancer	10.1 %
Chronic cardiovascular disease	39.6 %
Chronic liver disease	0.7 %
Chronic renal disease	12.0 %
Chronic pulmonary disease	7.3 %
Cerebrovascular degeneration	2.0 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	61.6%
State	14.2%
Outside State	24.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	11.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	574
Occupancy Rate	82.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.9918

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

HAMOT MEDICAL CENTER

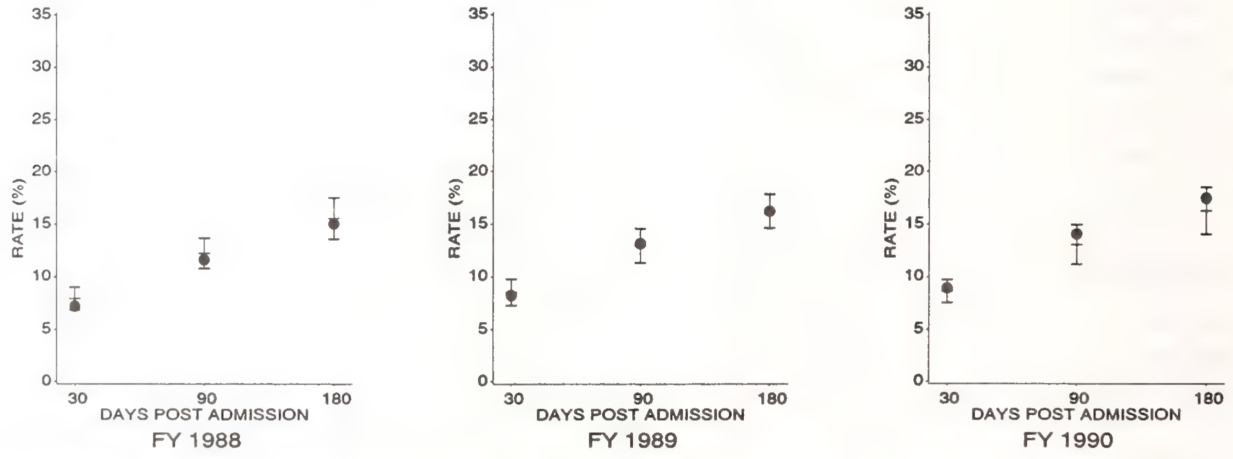
201 STATE ST
ERIE, PA 16550
Medicare Provider Number: 390063

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3410	8.9	8.6	0.5	14.0	13.0	0.9	17.4	16.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	100	29.0	25.4	6.5	32.0	27.9	6.5	35.0	30.5	6.4
Congestive Heart Failure	171	18.1	14.7	3.3	25.7	23.3	5.2	36.8	29.7	5.7
Pneumonia/Influenza	111	15.3	17.1	3.9	25.2	23.0	6.9	29.7	27.1	5.8
Chronic Obstructive Pulmonary Disease	53	5.7	9.1	7.4	11.3	15.0	6.9	17.0	19.6	5.9
Transient Cerebral Ischemia	49	2.0	1.8	-----	2.0	4.0	-----	4.1	6.4	-----
Stroke	101	16.8	18.4	4.2	22.8	24.6	4.9	28.7	28.4	4.7
Hip Fracture	71	8.5	7.2	4.1	15.5	12.4	5.0	18.3	15.9	4.9
Sepsis	26	23.1	27.4	-----	30.8	35.6	-----	38.5	41.2	-----
PROCEDURES:										
Angioplasty	79	2.5	3.1	2.0	2.5	4.2	2.8	3.8	5.2	2.8
Coronary Artery Bypass Graft	127	7.9	6.3	2.6	12.6	9.1	3.9	13.4	10.3	4.0
Initial Pacemaker Insertion	34	5.9	3.7	-----	5.9	6.8	-----	5.9	9.8	-----
Carotid Endarterectomy	25	0.0	1.5	-----	4.0	2.8	-----	4.0	4.1	-----
Hip Replacement/Reconstruction	78	7.7	3.6	3.0	12.8	6.7	4.2	15.4	8.9	4.7
Open Reduction of Hip Fracture	26	3.8	7.2	-----	19.2	13.0	-----	23.1	16.8	-----
Prostatectomy	97	1.0	1.1	1.1	2.1	2.6	2.0	3.1	4.3	3.1
Cholecystectomy	51	3.9	4.0	3.0	7.8	6.7	3.8	9.8	8.6	4.1
Hysterectomy	34	0.0	0.8	-----	2.9	1.3	-----	2.9	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HAMOT MEDICAL CENTER

Medicare Provider Number: 390063

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.3 years
Proportion female	53.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	40.1 %
Transferred from skilled nursing facility	1.3 %
Admitted for elective procedure	29.9 %
Admitted for emergency	38.4 %

COMORBIDITIES:	
Cancer	7.5 %
Chronic cardiovascular disease	41.3 %
Chronic liver disease	1.1 %
Chronic renal disease	4.9 %
Chronic pulmonary disease	10.9 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	67.9%
State	18.0%
Outside State	14.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	474
Occupancy Rate	71.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.2 %
Case Mix Index (CMI)	1.5355
STAFFING:	
Total Number of Physicians	210
Percent of Physicians Board Certified Specialists	82.4 %
Medical Residents/Interns	28
Registered Nurses	603
Licensed Practical Nurses	111

SPECIALTY SERVICES:	
Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

HANOVER GENERAL HOSPITAL

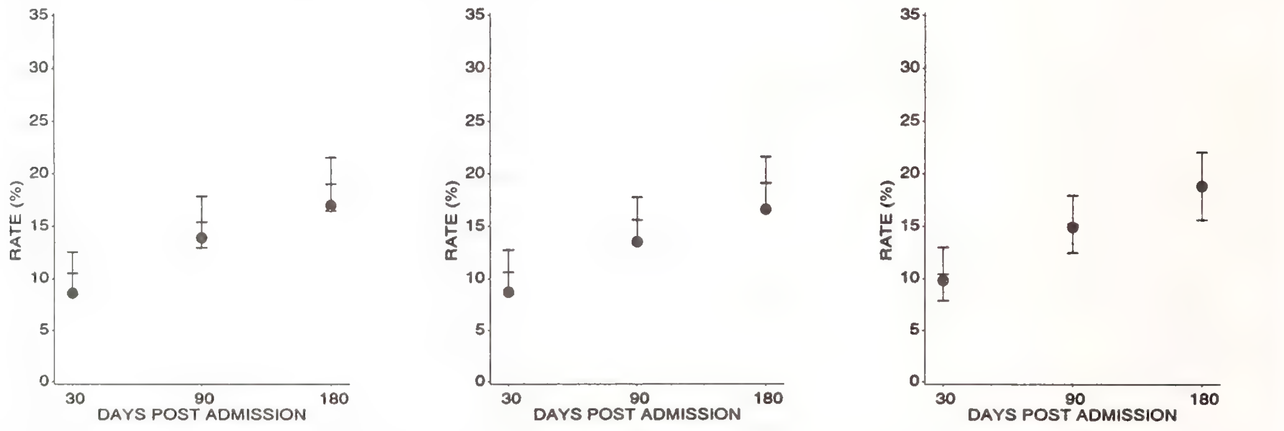
300 HIGHLAND AVE
HANOVER, PA 17331
Medicare Provider Number: 390233

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1647	9.8	10.4	1.3	14.9	15.2	1.4	18.8	18.8	1.6
CONDITIONS:										
Acute Myocardial Infarction	93	25.8	26.3	4.9	31.2	30.0	4.9	34.4	33.1	5.0
Congestive Heart Failure	112	9.8	14.3	5.9	16.1	22.7	7.6	23.2	28.8	8.2
Pneumonia/Influenza	64	9.4	15.0	5.0	20.3	20.3	5.0	26.6	23.8	5.5
Chronic Obstructive Pulmonary Disease	32	15.6	8.2	-----	21.9	14.8	-----	28.1	20.0	-----
Transient Cerebral Ischemia	21	0.0	1.7	-----	9.5	4.0	-----	14.3	6.6	-----
Stroke	58	13.8	20.2	9.0	19.0	26.8	9.5	22.4	30.6	9.8
Hip Fracture	46	6.5	6.8	-----	13.0	12.3	-----	17.4	16.0	-----
Sepsis	32	21.9	31.3	-----	28.1	41.2	-----	37.5	46.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	7.1	-----	11.1	12.6	-----	11.1	16.3	-----
Carotid Endarterectomy	4	25.0	1.4	-----	25.0	2.5	-----	25.0	3.8	-----
Hip Replacement/Reconstruction	34	5.9	2.5	-----	5.9	4.7	-----	11.8	6.3	-----
Open Reduction of Hip Fracture	18	5.6	6.5	-----	11.1	12.1	-----	16.7	16.2	-----
Prostatectomy	99	1.0	1.0	1.0	4.0	2.2	2.0	6.1	3.7	2.8
Cholecystectomy	42	4.8	2.6	-----	7.1	4.7	-----	7.1	6.3	-----
Hysterectomy	17	0.0	0.2	-----	0.0	0.5	-----	0.0	0.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

HANOVER GENERAL HOSPITAL

Medicare Provider Number: 390233

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.0 years
Proportion female	54.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.4 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	16.5 %
Admitted for emergency	71.8 %

COMORBIDITIES:

Cancer	9.0 %
Chronic cardiovascular disease	32.6 %
Chronic liver disease	0.7 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	16.5 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	7.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	60.4%
State	30.1%
Outside State	9.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	201
Occupancy Rate	73.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.3 %
Case Mix Index (CMI)	1.2527

STAFFING:

Total Number of Physicians	71
Percent of Physicians Board Certified Specialists	83.1 %
Medical Residents/Interns	0
Registered Nurses	142
Licensed Practical Nurses	62

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

HARRISBURG HOSPITAL

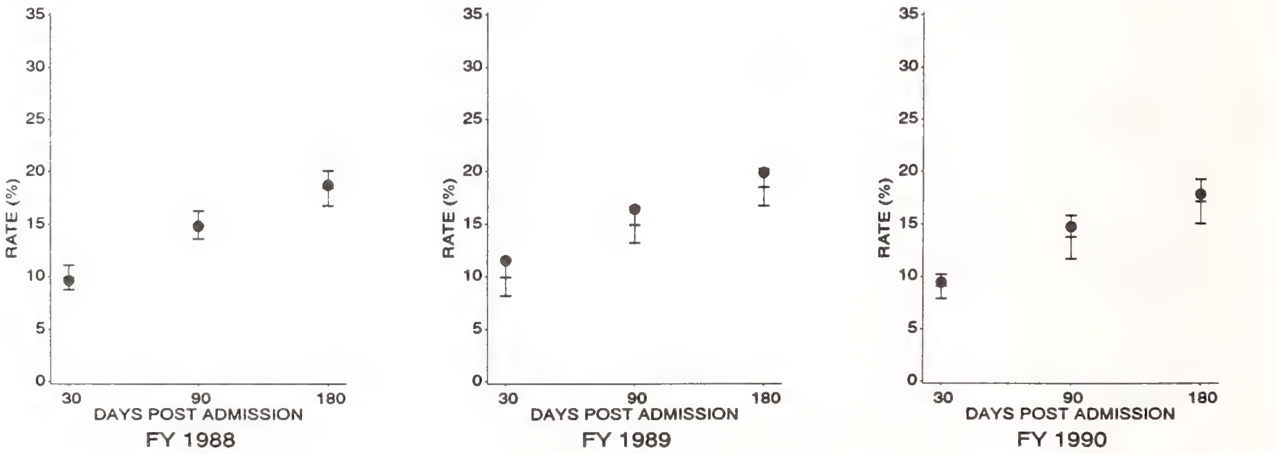
SOUTH FRONT ST
HARRISBURG, PA 17101
Medicare Provider Number: 390098

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3569	9.4	9.0	0.6	14.7	13.7	1.0	17.8	17.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	147	23.1	23.9	3.7	26.5	27.2	3.8	30.6	30.0	4.3
Congestive Heart Failure	179	16.2	15.0	2.9	27.9	23.7	3.6	35.2	29.9	4.2
Pneumonia/Influenza	127	15.0	17.3	4.3	23.6	23.7	4.5	26.0	28.0	5.1
Chronic Obstructive Pulmonary Disease	40	12.5	9.2	-----	25.0	16.1	-----	32.5	21.5	-----
Transient Cerebral Ischemia	57	3.5	1.8	3.2	7.0	4.0	3.9	7.0	6.4	3.8
Stroke	111	14.4	19.9	4.7	21.6	26.0	4.6	27.9	29.8	4.5
Hip Fracture	85	4.7	7.5	4.6	9.4	13.3	7.3	14.1	17.3	8.5
Sepsis	50	38.0	29.3	-----	48.0	37.1	-----	52.0	42.1	-----
PROCEDURES:										
Angioplasty	105	2.9	2.9	1.6	2.9	3.6	2.5	4.8	4.3	2.3
Coronary Artery Bypass Graft	138	9.4	6.0	2.8	12.3	8.7	3.1	15.2	9.8	3.9
Initial Pacemaker Insertion	31	3.2	3.0	-----	6.5	5.8	-----	9.7	8.4	-----
Carotid Endarterectomy	23	0.0	2.1	-----	0.0	3.9	-----	0.0	5.5	-----
Hip Replacement/Reconstruction	64	4.7	3.0	2.9	10.9	5.3	5.0	14.1	7.1	6.2
Open Reduction of Hip Fracture	48	0.0	6.4	-----	0.0	11.9	-----	2.1	15.8	-----
Prostatectomy	96	2.1	1.3	1.4	3.1	3.0	1.8	4.2	5.1	2.9
Cholecystectomy	61	4.9	3.5	3.1	6.6	6.4	3.1	9.8	8.5	3.8
Hysterectomy	33	0.0	0.9	-----	0.0	2.2	-----	0.0	3.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HARRISBURG HOSPITAL
Medicare Provider Number: 390098

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.1 years
Proportion female	55.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	49.0 %
Transferred from skilled nursing facility	6.6 %
Admitted for elective procedure	22.5 %
Admitted for emergency	48.6 %

COMORBIDITIES:	
Cancer	8.1 %
Chronic cardiovascular disease	44.3 %
Chronic liver disease	1.0 %
Chronic renal disease	3.2 %
Chronic pulmonary disease	13.3 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	8.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	54.9%
State	43.5%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	410
Occupancy Rate	70.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	32.4 %
Case Mix Index (CMI)	1.6149
STAFFING:	
Total Number of Physicians	379
Percent of Physicians Board Certified Specialists	68.6 %
Medical Residents/Interns	29
Registered Nurses	502
Licensed Practical Nurses	68

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

HAVERFORD GENERAL HOSPITAL

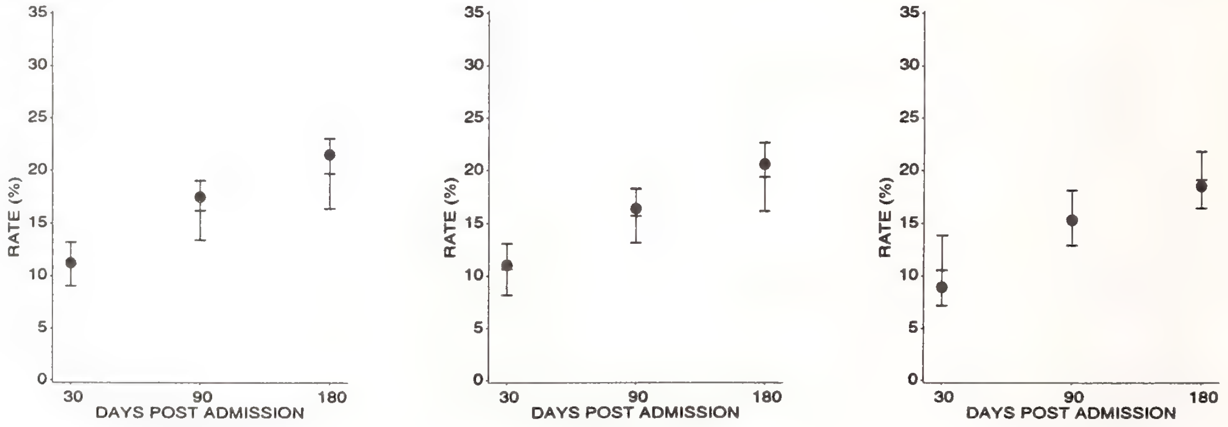
2000 OLD WEST CHESTER PIKE
HAVERTOWN, PA 19083
Medicare Provider Number: 390215

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	994	8.9	10.5	1.7	15.3	15.5	1.3	18.5	19.1	1.3
CONDITIONS:										
Acute Myocardial Infarction	42	28.6	26.8	-----	33.3	29.2	-----	38.1	31.6	-----
Congestive Heart Failure	63	14.3	15.1	4.6	19.0	24.0	7.2	19.0	30.2	9.8
Pneumonia/Influenza	35	8.6	15.4	-----	14.3	20.6	-----	17.1	24.5	-----
Chronic Obstructive Pulmonary Disease	15	13.3	8.6	-----	26.7	15.8	-----	33.3	21.2	-----
Transient Cerebral Ischemia	21	0.0	1.6	-----	4.8	3.9	-----	4.8	6.4	-----
Stroke	43	18.6	19.5	-----	27.9	27.0	-----	27.9	30.8	-----
Hip Fracture	31	9.7	6.0	-----	16.1	11.0	-----	29.0	14.7	-----
Sepsis	16	25.0	30.8	-----	50.0	41.0	-----	56.3	46.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	1.7	-----	0.0	3.8	-----	0.0	6.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	16	0.0	2.2	-----	0.0	4.3	-----	0.0	6.1	-----
Open Reduction of Hip Fracture	21	14.3	6.1	-----	23.8	11.6	-----	38.1	15.8	-----
Prostatectomy	15	0.0	0.6	-----	0.0	1.5	-----	0.0	2.5	-----
Cholecystectomy	8	0.0	1.7	-----	0.0	2.8	-----	0.0	3.5	-----
Hysterectomy	7	0.0	1.6	-----	14.3	3.6	-----	14.3	5.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

HAVERFORD GENERAL HOSPITAL

Medicare Provider Number: 390215

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.5 years
Proportion female	58.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.1 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	10.5 %
Admitted for emergency	70.6 %

COMORBIDITIES:

Cancer	6.2 %
Chronic cardiovascular disease	40.1 %
Chronic liver disease	1.9 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	13.6 %
Cerebrovascular degeneration	6.1 %
Diabetes mellitus	7.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	83.7%
State	13.2%
Outside State	3.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

Total Beds	107
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.2015

STAFFING:

Medical Residents/Interns	0
Registered Nurses	42
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

HAZLETON GENERAL HOSPITAL

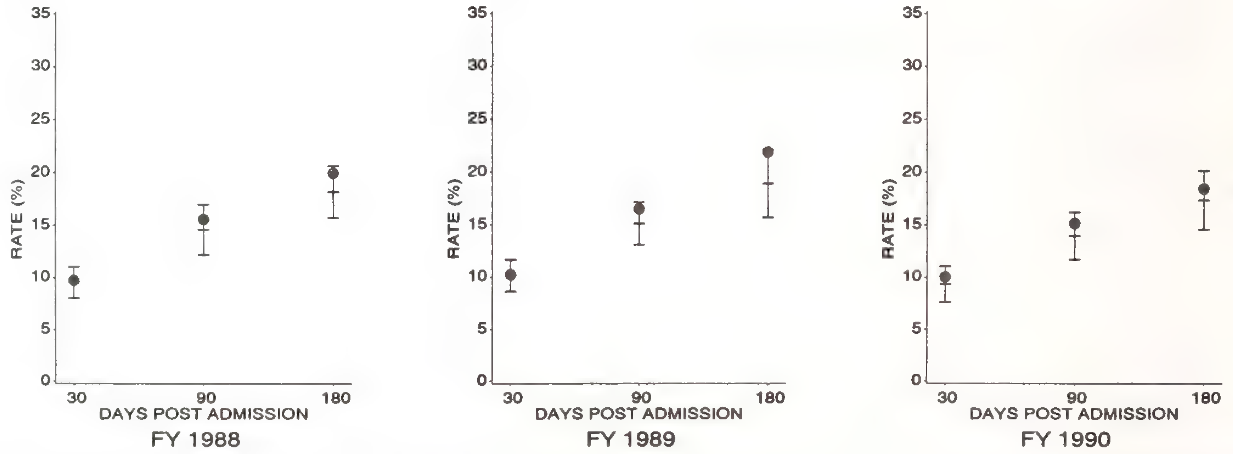
700 E BROAD ST
HAZLETON, PA 18201
Medicare Provider Number: 390185

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1804	10.0	9.3	0.9	15.1	13.9	1.1	18.4	17.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	73	23.3	23.2	5.1	30.1	26.1	6.8	32.9	28.7	6.0
Congestive Heart Failure	109	16.5	13.8	4.1	24.8	21.5	5.7	31.2	27.5	7.6
Pneumonia/Influenza	69	14.5	16.6	5.2	21.7	22.8	5.2	27.5	26.9	6.0
Chronic Obstructive Pulmonary Disease	25	12.0	7.4	-----	16.0	13.1	-----	24.0	17.3	-----
Transient Cerebral Ischemia	55	0.0	1.4	1.9	0.0	3.2	3.4	0.0	5.2	4.9
Stroke	79	15.2	18.6	5.4	24.1	24.0	5.7	24.1	27.5	6.4
Hip Fracture	40	5.0	6.9	-----	5.0	11.8	-----	10.0	14.9	-----
Sepsis	16	12.5	18.6	-----	25.0	23.3	-----	25.0	27.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	5.3	4.5	-----	21.1	8.2	-----	21.1	11.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	28	0.0	4.7	-----	3.6	9.1	-----	7.1	12.3	-----
Open Reduction of Hip Fracture	23	8.7	7.2	-----	8.7	12.4	-----	13.0	15.9	-----
Prostatectomy	51	0.0	1.3	1.9	3.9	3.0	3.1	5.9	5.0	3.8
Cholecystectomy	23	0.0	2.9	-----	0.0	5.4	-----	0.0	7.0	-----
Hysterectomy	3	0.0	2.3	-----	0.0	5.3	-----	0.0	8.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HAZLETON GENERAL HOSPITAL

Medicare Provider Number: 390185

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	59.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	43.0 %
Transferred from skilled nursing facility	1.4 %
Admitted for elective procedure	9.1 %
Admitted for emergency	23.5 %

COMORBIDITIES:

Cancer	6.2 %
Chronic cardiovascular disease	46.5 %
Chronic liver disease	1.2 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	15.9 %
Cerebrovascular degeneration	4.4 %
Diabetes mellitus	8.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	77.7%
State	21.1%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	130
Occupancy Rate	81.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	63.5 %
Case Mix Index (CMI)	1.1763

STAFFING:

Total Number of Physicians	84
Percent of Physicians Board Certified Specialists	67.9 %
Medical Residents/Interns	0
Registered Nurses	128
Licensed Practical Nurses	31

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

HAZLETON-ST JOSEPH MEDICAL CENTER

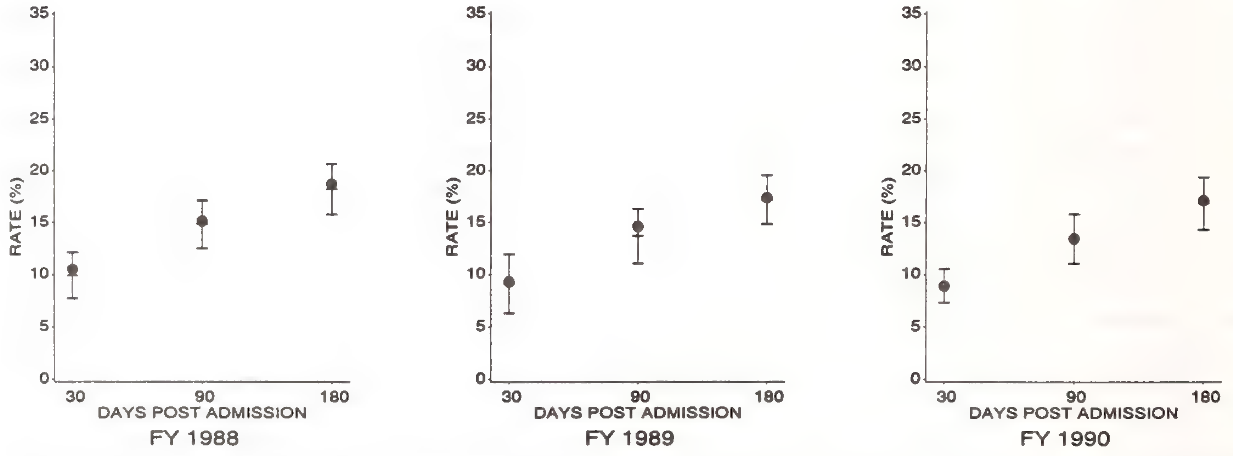
687 N CHURCH ST
HAZLETON, PA 18201
Medicare Provider Number: 390054

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1264	8.9	8.9	0.8	13.4	13.4	1.2	17.1	16.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	41	31.7	23.4	-----	39.0	26.8	-----	43.9	29.6	-----
Congestive Heart Failure	78	11.5	14.0	4.6	24.4	22.0	5.1	28.2	28.0	5.5
Pneumonia/Influenza	56	21.4	15.5	9.2	26.8	21.2	9.0	30.4	25.4	9.7
Chronic Obstructive Pulmonary Disease	19	5.3	5.6	-----	10.5	9.9	-----	10.5	13.3	-----
Transient Cerebral Ischemia	47	2.1	2.1	-----	2.1	4.8	-----	8.5	7.6	-----
Stroke	48	10.4	16.8	-----	14.6	22.3	-----	20.8	25.6	-----
Hip Fracture	17	0.0	6.8	-----	5.9	12.0	-----	11.8	15.3	-----
Sepsis	19	21.1	30.2	-----	42.1	35.7	-----	47.4	40.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	3.5	-----	0.0	6.8	-----	0.0	9.8	-----
Carotid Endarterectomy	1	0.0	1.0	-----	0.0	2.0	-----	0.0	3.0	-----
Hip Replacement/Reconstruction	10	0.0	3.8	-----	0.0	6.7	-----	0.0	8.5	-----
Open Reduction of Hip Fracture	8	0.0	5.2	-----	0.0	9.2	-----	12.5	12.0	-----
Prostatectomy	38	0.0	1.3	-----	7.9	3.0	-----	10.5	5.0	-----
Cholecystectomy	24	4.2	2.8	-----	4.2	5.0	-----	4.2	6.6	-----
Hysterectomy	12	0.0	1.1	-----	0.0	2.4	-----	0.0	3.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HAZLETON-ST JOSEPH MEDICAL CENTER

Medicare Provider Number: 390054

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.0 years
Proportion female	60.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	58.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	5.7 %
Admitted for emergency	32.0 %

COMORBIDITIES:	
Cancer	7.0 %
Chronic cardiovascular disease	43.3 %
Chronic liver disease	1.4 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	18.9 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	4.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	69.5%
State	28.4%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	147
Occupancy Rate	59.0 %
Ownership/Control	Church
Medicare Discharges	37.5 %
Case Mix Index (CMI)	1.1642
STAFFING:	
Total Number of Physicians	98
Percent of Physicians Board Certified Specialists	74.5 %
Medical Residents/Interns	0
Registered Nurses	113
Licensed Practical Nurses	49

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

HERSHEY MEDICAL CTR-UNIVERSITY HOSPITAL

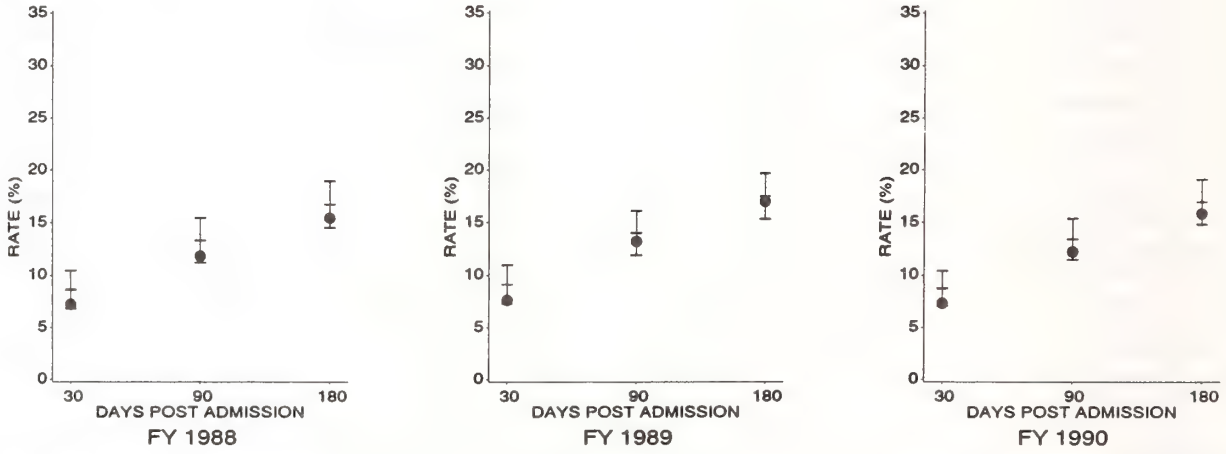
500 UNIVERSITY DR
HERSHEY, PA 17033
Medicare Provider Number: 390256

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2427	7.3	8.7	0.8	12.2	13.4	1.0	15.8	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction	50	22.0	21.9	-----	34.0	25.0	-----	34.0	27.8	-----
Congestive Heart Failure	63	12.7	14.4	4.9	23.8	23.0	6.0	34.9	29.5	7.3
Pneumonia/Influenza	45	15.6	20.7	-----	26.7	28.3	-----	33.3	32.7	-----
Chronic Obstructive Pulmonary Disease	14	21.4	11.5	-----	35.7	20.3	-----	35.7	26.1	-----
Transient Cerebral Ischemia	23	0.0	1.1	-----	0.0	2.5	-----	0.0	3.9	-----
Stroke	58	15.5	24.9	8.7	24.1	30.4	9.6	27.6	33.8	10.3
Hip Fracture	31	6.5	7.8	-----	12.9	13.8	-----	16.1	17.8	-----
Sepsis	16	50.0	25.1	-----	50.0	33.2	-----	50.0	37.3	-----
PROCEDURES:										
Angioplasty	48	0.0	2.9	-----	2.1	3.9	-----	4.2	4.9	-----
Coronary Artery Bypass Graft	68	10.3	4.8	4.1	10.3	6.9	3.9	11.8	7.8	3.9
Initial Pacemaker Insertion	5	0.0	2.3	-----	0.0	5.1	-----	0.0	8.5	-----
Carotid Endarterectomy	23	0.0	1.5	-----	4.3	2.6	-----	4.3	3.7	-----
Hip Replacement/Reconstruction	45	0.0	1.9	-----	4.4	3.4	-----	4.4	4.7	-----
Open Reduction of Hip Fracture	18	11.1	7.1	-----	11.1	13.4	-----	11.1	17.8	-----
Prostatectomy	41	0.0	1.1	-----	2.4	2.7	-----	2.4	4.6	-----
Cholecystectomy	33	3.0	3.0	-----	3.0	5.7	-----	3.0	7.7	-----
Hysterectomy	34	0.0	1.0	-----	8.8	2.5	-----	8.8	4.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

HERSHEY MEDICAL CTR-UNIVERSITY HOSPITAL

Medicare Provider Number: 390256

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	69.7 years
Proportion female	48.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.2 %
Transferred from skilled nursing facility	0.8 %
Admitted for elective procedure	31.9 %
Admitted for emergency	39.7 %

COMORBIDITIES:	
Cancer	12.1 %
Chronic cardiovascular disease	36.9 %
Chronic liver disease	1.3 %
Chronic renal disease	5.6 %
Chronic pulmonary disease	12.0 %
Cerebrovascular degeneration	1.9 %
Diabetes mellitus	8.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	26.6%
State	69.7%
Outside State	3.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	399
Occupancy Rate	83.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	28.2 %
Case Mix Index (CMI)	1.5788
STAFFING:	
Total Number of Physicians	321
Percent of Physicians Board Certified Specialists	85.4 %
Medical Residents/Interns	121
Registered Nurses	727
Licensed Practical Nurses	45

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

HIGHLANDS HOSPITAL AND HEALTH CENTER

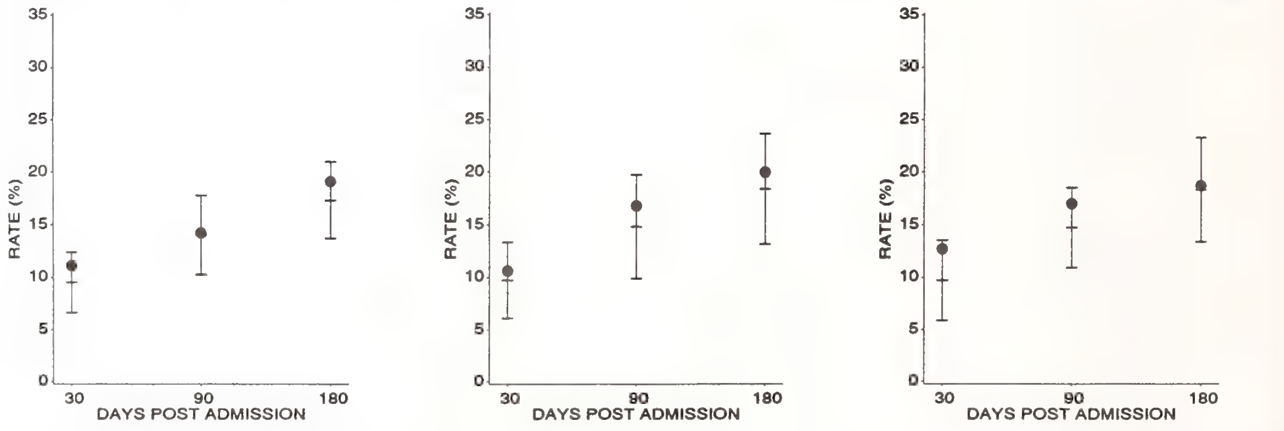
401 EAST MURPHY AVENUE
CONNELLSVILLE, PA 15425
Medicare Provider Number: 390184

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	670	12.7	9.7	1.9	17.0	14.7	1.9	18.7	18.3	2.5
CONDITIONS:										
Acute Myocardial Infarction	22	40.9	28.8	-----	50.0	32.1	-----	50.0	35.3	-----
Congestive Heart Failure	54	11.1	15.1	6.6	20.4	23.8	9.5	24.1	30.1	8.2
Pneumonia/Influenza	67	11.9	13.5	5.2	17.9	18.7	4.9	19.4	22.3	5.7
Chronic Obstructive Pulmonary Disease	11	0.0	14.2	-----	0.0	22.4	-----	9.1	27.2	-----
Transient Cerebral Ischemia	13	0.0	1.4	-----	0.0	3.3	-----	0.0	5.5	-----
Stroke	28	28.6	18.4	-----	39.3	25.1	-----	42.9	29.3	-----
Hip Fracture	9	11.1	5.2	-----	11.1	8.9	-----	11.1	12.2	-----
Sepsis	8	25.0	20.1	-----	25.0	27.3	-----	25.0	31.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	25.0	6.9	-----	25.0	10.1	-----	25.0	13.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	4.4	-----	0.0	7.5	-----	0.0	10.4	-----
Open Reduction of Hip Fracture	5	20.0	4.7	-----	20.0	8.6	-----	20.0	12.2	-----
Prostatectomy	20	10.0	1.5	-----	10.0	3.6	-----	15.0	6.0	-----
Cholecystectomy	15	0.0	2.7	-----	0.0	5.0	-----	0.0	7.0	-----
Hysterectomy	3	0.0	0.7	-----	0.0	1.7	-----	0.0	2.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

HIGHLANDS HOSPITAL AND HEALTH CENTER

Medicare Provider Number: 390184

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.3 years
Proportion female	59.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	21.5 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	3.6 %
Admitted for emergency	1.9 %

COMORBIDITIES:	
Cancer	5.2 %
Chronic cardiovascular disease	41.0 %
Chronic liver disease	0.7 %
Chronic renal disease	4.0 %
Chronic pulmonary disease	18.5 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	7.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	91.7%
State	6.2%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	72
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.2067
STAFFING:	
Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	73.2 %
Medical Residents/Interns	0
Registered Nurses	71
Licensed Practical Nurses	0

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

HOLY REDEEMER HOSPITAL & MEDICAL CENTER

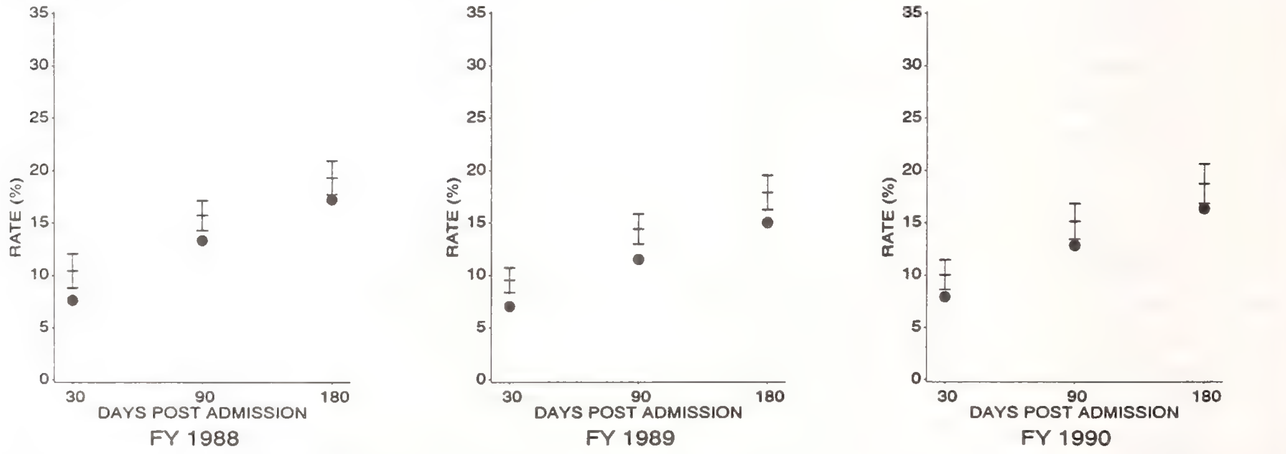
1648 HUNTINGDON PIKE
MEADOWBROOK, PA 19046
Medicare Provider Number: 390097

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2969	7.9	10.0	0.7	12.8	15.1	0.9	16.3	18.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	107	22.4	27.9	8.1	24.3	31.2	8.1	29.0	34.0	8.4
Congestive Heart Failure	158	8.2	15.9	4.2	17.7	24.9	4.7	25.3	31.3	4.7
Pneumonia/Influenza	90	20.0	17.7	4.4	24.4	24.6	4.6	32.2	28.9	5.5
Chronic Obstructive Pulmonary Disease	33	6.1	5.5	-----	15.2	10.8	-----	21.2	15.3	-----
Transient Cerebral Ischemia	71	0.0	1.6	2.1	1.4	3.5	3.1	5.6	5.6	2.9
Stroke	167	13.2	18.1	4.3	18.6	24.8	5.8	22.2	28.5	5.9
Hip Fracture	57	7.0	6.9	4.1	10.5	12.5	4.8	15.8	16.3	4.9
Sepsis	57	29.8	29.5	6.3	40.4	37.1	7.0	45.6	42.0	7.8
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	31	0.0	4.9	-----	6.5	8.4	-----	6.5	11.2	-----
Carotid Endarterectomy	16	0.0	1.8	-----	0.0	3.6	-----	0.0	5.4	-----
Hip Replacement/Reconstruction	53	1.9	2.0	2.1	1.9	3.8	3.5	3.8	5.3	4.7
Open Reduction of Hip Fracture	33	9.1	7.6	-----	12.1	14.3	-----	21.2	18.8	-----
Prostatectomy	115	0.9	1.2	1.1	2.6	2.8	1.6	5.2	4.8	2.1
Cholecystectomy	54	1.9	3.2	2.6	7.4	5.4	3.6	7.4	7.0	3.7
Hysterectomy	40	0.0	0.5	-----	0.0	1.0	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HOLY REDEEMER HOSPITAL & MEDICAL CENTER

Medicare Provider Number: 390097

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.7 years	Cancer	9.4 %
Proportion female	57.7 %	Chronic cardiovascular disease	36.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.3 %
Referred by personal or HMO physician	33.1 %	Chronic renal disease	1.9 %
Transferred from skilled nursing facility	5.5 %	Chronic pulmonary disease	15.2 %
Admitted for elective procedure	22.4 %	Cerebrovascular degeneration	3.7 %
Admitted for emergency	76.9 %	Diabetes mellitus	5.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	21.0%	Hospital	9.7 Days
State	76.0%	State	9.2 Days
Outside State	3.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	250	Burn Unit	Yes
Occupancy Rate	78.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	(Not Available)	Hospice Care	No
Case Mix Index (CMI)	1.3259	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	(Not Available)	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	(Not Available)	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	(Not Available)	Alcohol/Drug	No
Registered Nurses	(Not Available)	Rehabilitation	No
Licensed Practical Nurses	(Not Available)	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

HOLY SPIRIT HOSPITAL

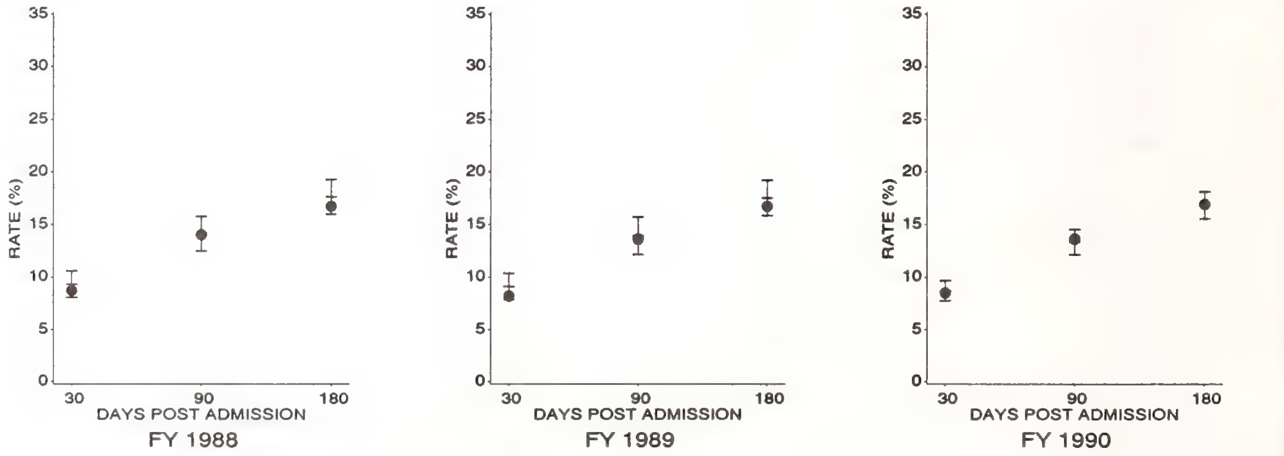
N 21ST ST
CAMP HILL, PA 17011
Medicare Provider Number: 390004

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3463	8.5	8.7	0.5	13.6	13.3	0.6	16.9	16.8	0.6
CONDITIONS:										
Acute Myocardial Infarction	92	34.8	28.3	8.2	39.1	31.4	9.0	40.2	34.3	8.4
Congestive Heart Failure	174	13.8	15.2	3.7	26.4	23.9	5.0	33.3	30.2	5.4
Pneumonia/Influenza	174	18.4	15.6	3.7	24.7	21.2	3.7	25.9	25.2	3.4
Chronic Obstructive Pulmonary Disease	71	9.9	8.1	4.0	19.7	14.0	7.0	25.4	18.7	9.0
Transient Cerebral Ischemia	88	1.1	2.2	2.1	4.5	4.9	3.5	9.1	7.9	4.6
Stroke	128	18.8	20.3	3.9	25.0	26.4	5.1	28.1	30.1	6.1
Hip Fracture	110	6.4	6.4	3.6	14.5	11.3	4.4	16.4	14.8	3.8
Sepsis	64	26.6	26.9	5.7	42.2	34.9	7.4	45.3	39.9	7.0
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	2.3	-----	0.0	5.1	-----	0.0	8.1	-----
Carotid Endarterectomy	27	3.7	1.5	-----	3.7	2.9	-----	7.4	4.2	-----
Hip Replacement/Reconstruction	76	5.3	3.3	3.2	11.8	6.1	4.8	11.8	8.2	4.9
Open Reduction of Hip Fracture	59	5.1	6.4	4.6	8.5	11.7	7.2	11.9	15.5	8.2
Prostatectomy	108	0.0	1.1	2.2	2.8	2.5	2.3	4.6	4.2	2.5
Cholecystectomy	70	1.4	2.4	2.8	1.4	4.6	4.1	2.9	6.4	4.6
Hysterectomy	16	0.0	0.8	-----	0.0	1.8	-----	0.0	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HOLY SPIRIT HOSPITAL

Medicare Provider Number: 390004

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	58.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	39.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	19.6 %
Admitted for emergency	70.6 %

COMORBIDITIES:

Cancer	8.7 %
Chronic cardiovascular disease	33.4 %
Chronic liver disease	0.8 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	18.0 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	11.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	56.1%
State	41.6%
Outside State	2.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	337
Occupancy Rate	70.0 %
Ownership/Control	Church
Medicare Discharges	40.8 %
Case Mix Index (CMI)	1.2601

STAFFING:

Total Number of Physicians	369
Percent of Physicians Board Certified Specialists	70.5 %
Medical Residents/Interns	0
Registered Nurses	197
Licensed Practical Nurses	68

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

HOSP OF THE PHILA COLLEGE OF OSTEOPATHY

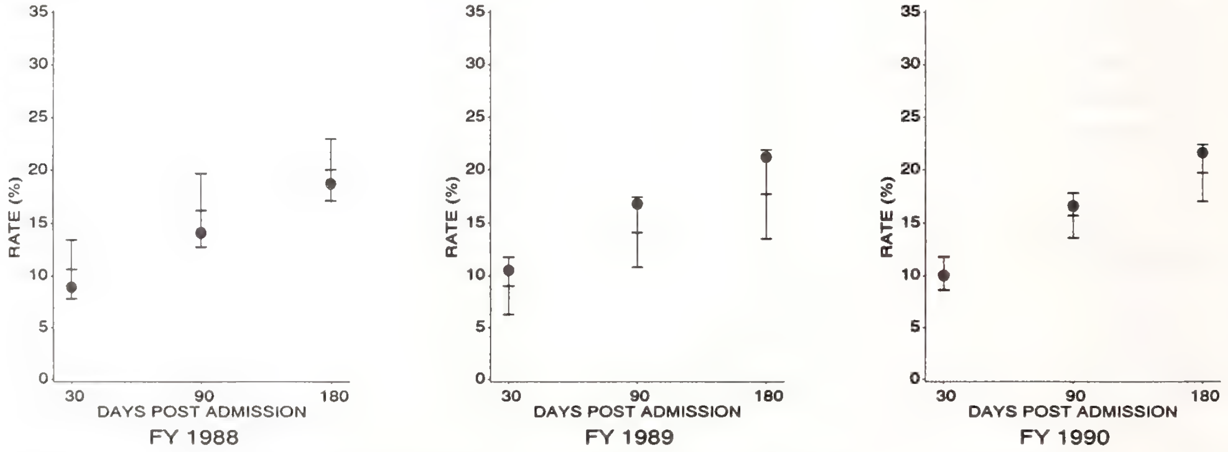
4150 CITY AVE
PHILADELPHIA, PA 19131
Medicare Provider Number: 390245

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1486	10.0	10.2	0.8	16.6	15.7	1.1	21.6	19.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	27	25.9	30.0	-----	29.6	32.9	-----	29.6	35.5	-----
Congestive Heart Failure	102	9.8	13.2	4.5	20.6	21.7	4.4	26.5	28.0	4.7
Pneumonia/Influenza	45	6.7	18.5	-----	20.0	24.8	-----	24.4	28.6	-----
Chronic Obstructive Pulmonary Disease	12	16.7	8.5	-----	16.7	14.9	-----	25.0	19.6	-----
Transient Cerebral Ischemia	26	3.8	1.8	-----	3.8	4.4	-----	3.8	7.5	-----
Stroke	47	21.3	20.3	-----	27.7	27.1	-----	31.9	30.9	-----
Hip Fracture	27	3.7	4.9	-----	7.4	8.9	-----	11.1	12.0	-----
Sepsis	45	28.9	25.5	-----	42.2	34.3	-----	51.1	39.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	2.7	-----	11.1	5.6	-----	22.2	8.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	0.0	2.7	-----	0.0	5.3	-----	6.7	7.6	-----
Open Reduction of Hip Fracture	16	6.3	4.5	-----	6.3	8.2	-----	6.3	11.4	-----
Prostatectomy	45	2.2	0.7	-----	2.2	1.6	-----	2.2	2.7	-----
Cholecystectomy	18	0.0	2.2	-----	5.6	3.9	-----	5.6	5.1	-----
Hysterectomy	6	0.0	0.8	-----	0.0	1.6	-----	0.0	2.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

HOSP OF THE PHILA COLLEGE OF OSTEOPATHY

Medicare Provider Number: 390245

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.8 years	Cancer	7.9 %
Proportion female	61.3 %	Chronic cardiovascular disease	29.3 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.6 %
Referred by personal or HMO physician	23.9 %	Chronic renal disease	4.2 %
Transferred from skilled nursing facility	1.2 %	Chronic pulmonary disease	9.8 %
Admitted for elective procedure	12.8 %	Cerebrovascular degeneration	4.1 %
Admitted for emergency	69.0 %	Diabetes mellitus	12.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	88.7%	Hospital	10.2 Days
State	8.8%	State	9.2 Days
Outside State	2.5%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	156	Burn Unit	No
Occupancy Rate	74.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	(Not Available)	Hospice Care	No
Case Mix Index (CMI)	1.2547	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	(Not Available)	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	(Not Available)	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	(Not Available)	Alcohol/Drug	No
Registered Nurses	(Not Available)	Rehabilitation	No
Licensed Practical Nurses	(Not Available)	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

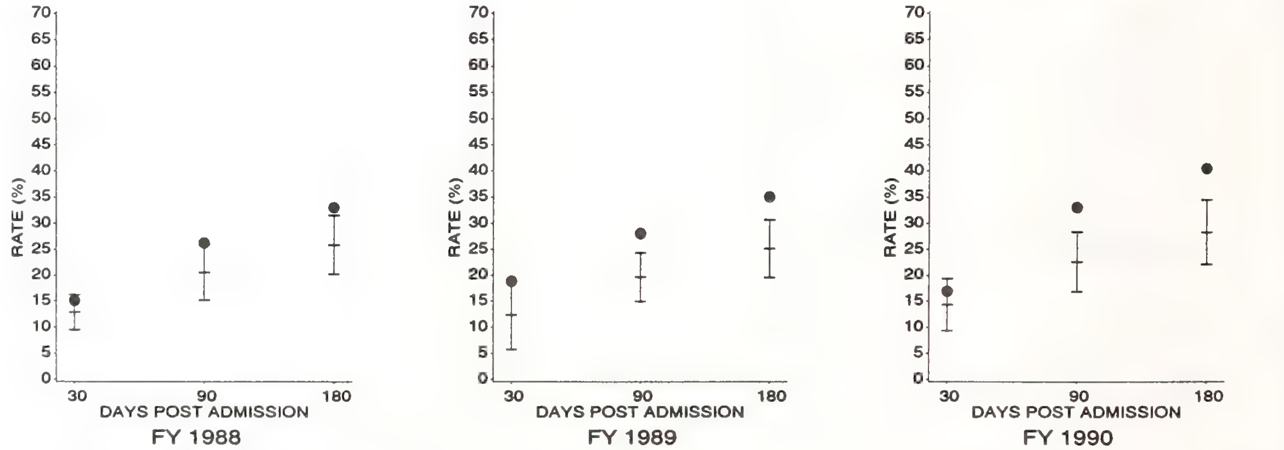
HOSPITAL OF THE HOME FOR THE JEWISH AGED
5301 OLD YORK ROAD
PHILADELPHIA, PA 19141
Medicare Provider Number: 390247

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	319	16.9	14.3	2.5	32.9	22.5	2.9	40.4	28.2	3.1
CONDITIONS:										
Acute Myocardial Infarction	10	50.0	26.9	-----	50.0	32.1	-----	50.0	36.3	-----
Congestive Heart Failure	31	19.4	19.2	-----	51.6	30.0	-----	58.1	37.8	-----
Pneumonia/Influenza	20	25.0	20.6	-----	40.0	28.7	-----	40.0	33.7	-----
Chronic Obstructive Pulmonary Disease	7	14.3	10.7	-----	28.6	19.7	-----	57.1	26.1	-----
Transient Cerebral Ischemia	7	0.0	1.7	-----	0.0	4.0	-----	0.0	6.8	-----
Stroke	13	15.4	13.8	-----	30.8	22.1	-----	46.2	27.4	-----
Hip Fracture	0									
Sepsis	20	15.0	24.2	-----	40.0	33.5	-----	40.0	38.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HOSPITAL OF THE HOME FOR THE JEWISH AGED

Medicare Provider Number: 390247

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	85.3 years
Proportion female	71.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	97.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	8.5 %
Chronic cardiovascular disease	36.7 %
Chronic liver disease	0.3 %
Chronic renal disease	1.3 %
Chronic pulmonary disease	9.1 %
Cerebrovascular degeneration	8.2 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	89.1%
State	7.0%
Outside State	3.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	566
Occupancy Rate	97.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	81.5 %
Case Mix Index (CMI)	1.1015

STAFFING:

Total Number of Physicians	20
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	0

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

HOSPITAL OF THE MEDICAL COLLEGE OF PENN

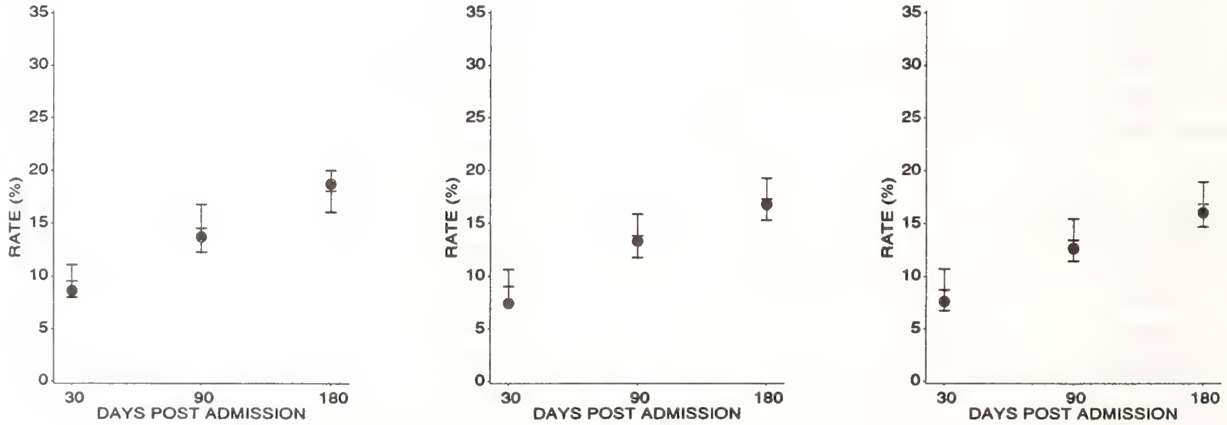
3300 HENRY AVE
PHILADELPHIA, PA 19129
Medicare Provider Number: 390047

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1653	7.6	8.7	1.0	12.6	13.4	1.0	16.0	16.8	1.1
CONDITIONS:										
Acute Myocardial Infarction	34	14.7	20.4	-----	14.7	23.4	-----	17.6	26.0	-----
Congestive Heart Failure	87	5.7	13.5	5.6	13.8	21.8	6.1	24.1	28.2	6.0
Pneumonia/Influenza	31	25.8	15.2	-----	29.0	21.5	-----	35.5	25.3	-----
Chronic Obstructive Pulmonary Disease	20	0.0	11.4	-----	5.0	20.0	-----	5.0	26.1	-----
Transient Cerebral Ischemia	27	0.0	1.9	-----	0.0	4.2	-----	0.0	6.3	-----
Stroke	71	19.7	18.6	4.8	22.5	24.2	5.8	23.9	27.5	7.1
Hip Fracture	20	5.0	5.5	-----	15.0	9.7	-----	20.0	12.7	-----
Sepsis	17	58.8	35.8	-----	64.7	44.2	-----	76.5	49.6	-----
PROCEDURES:										
Angioplasty	34	2.9	2.2	-----	2.9	3.2	-----	2.9	4.3	-----
Coronary Artery Bypass Graft	40	2.5	5.4	-----	7.5	8.1	-----	10.0	9.2	-----
Initial Pacemaker Insertion	9	11.1	4.0	-----	11.1	8.3	-----	11.1	12.0	-----
Carotid Endarterectomy	2	0.0	1.4	-----	0.0	2.7	-----	0.0	4.2	-----
Hip Replacement/Reconstruction	17	0.0	1.7	-----	0.0	3.3	-----	0.0	4.5	-----
Open Reduction of Hip Fracture	10	10.0	6.2	-----	30.0	11.0	-----	40.0	14.4	-----
Prostatectomy	21	0.0	0.9	-----	0.0	2.2	-----	0.0	3.9	-----
Cholecystectomy	7	0.0	4.2	-----	14.3	7.5	-----	14.3	10.0	-----
Hysterectomy	6	0.0	0.3	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

HOSPITAL OF THE MEDICAL COLLEGE OF PENN
Medicare Provider Number: 390047

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	71.5 years
Proportion female	55.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.9 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	23.5 %
Admitted for emergency	52.8 %

COMORBIDITIES:

Cancer	7.8 %
Chronic cardiovascular disease	34.7 %
Chronic liver disease	0.6 %
Chronic renal disease	5.7 %
Chronic pulmonary disease	9.4 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	10.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	82.4%
State	12.2%
Outside State	5.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	389
Occupancy Rate	82.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	23.1 %
Case Mix Index (CMI)	1.4479

STAFFING:

Total Number of Physicians	443
Percent of Physicians Board Certified Specialists	72.2 %
Medical Residents/Interns	307
Registered Nurses	416
Licensed Practical Nurses	81

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

HOSPITAL OF UNIVERSITY OF PENNSYLVANIA

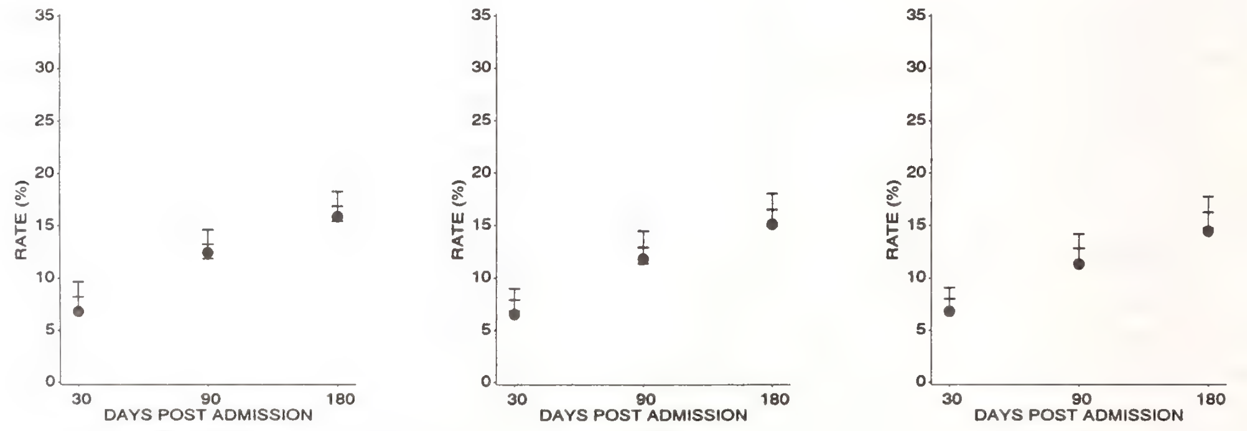
34TH & SPRUCE STS
PHILADELPHIA, PA 19104
Medicare Provider Number: 390111

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3801	6.8	8.0	0.5	11.3	12.8	0.7	14.4	16.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	54	14.8	26.0	8.1	18.5	29.6	7.2	20.4	32.2	8.1
Congestive Heart Failure	122	9.8	13.5	5.3	16.4	21.5	5.2	23.8	27.4	5.5
Pneumonia/Influenza	45	24.4	16.0	-----	28.9	22.2	-----	31.1	26.3	-----
Chronic Obstructive Pulmonary Disease	28	0.0	7.7	-----	0.0	13.7	-----	3.6	18.3	-----
Transient Cerebral Ischemia	23	0.0	1.4	-----	0.0	3.0	-----	0.0	4.8	-----
Stroke	93	16.1	19.4	5.5	22.6	25.6	7.2	23.7	29.1	8.2
Hip Fracture	30	3.3	6.8	-----	20.0	12.0	-----	20.0	15.3	-----
Sepsis	50	42.0	26.4	-----	48.0	35.0	-----	54.0	39.7	-----
PROCEDURES:										
Angioplasty	65	1.5	2.5	2.1	1.5	3.6	2.7	1.5	4.6	3.2
Coronary Artery Bypass Graft	118	11.9	5.7	2.8	18.6	8.6	3.9	22.0	10.0	4.6
Initial Pacemaker Insertion	27	7.4	3.5	-----	22.2	6.8	-----	22.2	9.5	-----
Carotid Endarterectomy	24	0.0	1.5	-----	0.0	2.9	-----	4.2	4.4	-----
Hip Replacement/Reconstruction	89	1.1	1.3	1.5	3.4	2.5	2.1	3.4	3.5	2.0
Open Reduction of Hip Fracture	17	0.0	6.2	-----	5.9	11.3	-----	5.9	14.6	-----
Prostatectomy	75	2.7	1.1	2.3	4.0	2.5	3.4	5.3	4.1	4.6
Cholecystectomy	34	0.0	4.0	-----	0.0	8.7	-----	5.9	13.0	-----
Hysterectomy	41	0.0	1.1	-----	0.0	2.5	-----	2.4	4.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

HOSPITAL OF UNIVERSITY OF PENNSYLVANIA

Medicare Provider Number: 390111

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	69.5 years
Proportion female	51.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	43.5 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	40.5 %
Admitted for emergency	56.5 %

COMORBIDITIES:

Cancer	12.4 %
Chronic cardiovascular disease	38.9 %
Chronic liver disease	1.2 %
Chronic renal disease	5.1 %
Chronic pulmonary disease	10.4 %
Cerebrovascular degeneration	2.9 %
Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	48.3%
State	23.7%
Outside State	28.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	722
Occupancy Rate	78.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	25.8 %
Case Mix Index (CMI)	1.6949

STAFFING:

Total Number of Physicians	691
Percent of Physicians Board Certified Specialists	92.2 %
Medical Residents/Interns	656
Registered Nurses	1069
Licensed Practical Nurses	35

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

HYMAN S CAPLAN PAV/GOOD SAM HOSPITAL

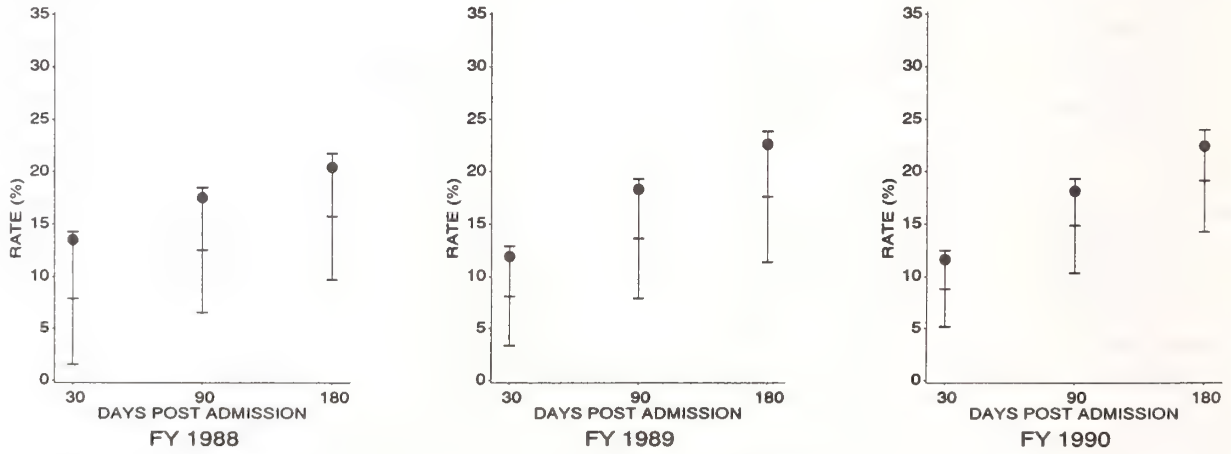
4TH & WILLOW STS
LEBANON, PA 17042
Medicare Provider Number: 390232

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	558	11.6	8.8	1.8	18.1	14.8	2.3	22.4	19.1	2.4
CONDITIONS:										
Acute Myocardial Infarction	2	50.0	29.6	-----	50.0	33.5	-----	100.0	38.5	-----
Congestive Heart Failure	20	15.0	15.3	-----	20.0	23.9	-----	20.0	30.6	-----
Pneumonia/Influenza	27	18.5	12.4	-----	22.2	17.4	-----	22.2	21.2	-----
Chronic Obstructive Pulmonary Disease	14	14.3	5.4	-----	14.3	10.0	-----	21.4	13.6	-----
Transient Cerebral Ischemia	8	12.5	1.7	-----	12.5	3.9	-----	12.5	6.5	-----
Stroke	41	14.6	16.2	-----	24.4	22.8	-----	26.8	27.3	-----
Hip Fracture	8	12.5	5.2	-----	12.5	9.8	-----	12.5	13.6	-----
Sepsis	7	28.6	23.2	-----	42.9	32.4	-----	57.1	37.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	1.7	-----	0.0	3.3	-----	0.0	4.8	-----
Open Reduction of Hip Fracture	5	0.0	5.2	-----	0.0	10.0	-----	0.0	13.9	-----
Prostatectomy	5	0.0	1.1	-----	0.0	2.6	-----	0.0	4.7	-----
Cholecystectomy	8	0.0	3.3	-----	0.0	6.5	-----	0.0	9.1	-----
Hysterectomy	26	0.0	0.8	-----	0.0	1.8	-----	0.0	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



HYMAN S CAPLAN PAV/GOOD SAM HOSPITAL
Medicare Provider Number: 390232

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	64.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	68.8 %
Transferred from skilled nursing facility	5.4 %
Admitted for elective procedure	13.3 %
Admitted for emergency	0.9 %

COMORBIDITIES:

Cancer	15.2 %
Chronic cardiovascular disease	28.7 %
Chronic liver disease	1.1 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	17.0 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	90.0%
State	8.4%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	66
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	24.0 %
Case Mix Index (CMI)	1.0953

STAFFING:

Total Number of Physicians	127
Percent of Physicians Board Certified Specialists	82.7 %
Medical Residents/Interns	0
Registered Nurses	62
Licensed Practical Nurses	24

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

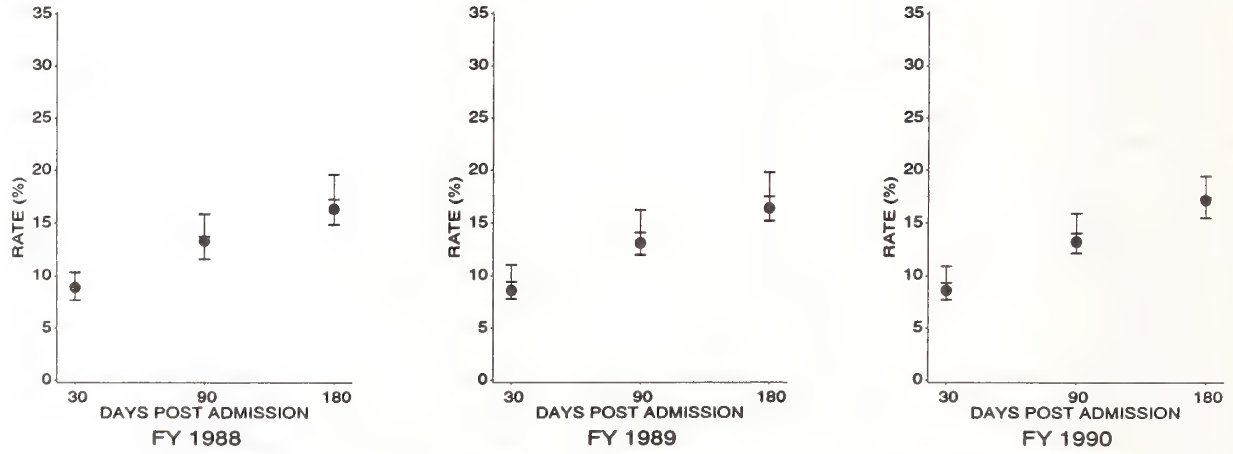
INDIANA HOSPITAL
HOSPITAL ROAD, BOX 788
INDIANA, PA 15701
Medicare Provider Number: 390173

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1811	8.6	9.3	0.8	13.2	14.0	0.9	17.1	17.4	1.0
CONDITIONS:										
Acute Myocardial Infarction	41	14.6	28.7	-----	26.8	31.9	-----	29.3	35.0	-----
Congestive Heart Failure	117	16.2	15.3	3.9	23.1	23.7	4.0	29.1	29.6	4.4
Pneumonia/Influenza	101	13.9	17.7	5.0	20.8	24.5	5.5	28.7	28.7	5.1
Chronic Obstructive Pulmonary Disease	31	3.2	9.8	-----	6.5	17.4	-----	9.7	22.8	-----
Transient Cerebral Ischemia	45	2.2	1.7	-----	6.7	3.9	-----	13.3	6.5	-----
Stroke	70	21.4	22.2	5.1	27.1	28.9	5.9	28.6	33.2	7.1
Hip Fracture	42	9.5	7.5	-----	14.3	13.1	-----	14.3	16.9	-----
Sepsis	15	20.0	29.4	-----	40.0	37.7	-----	53.3	42.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	4.2	-----	0.0	8.2	-----	0.0	11.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	18	5.6	4.1	-----	11.1	7.3	-----	11.1	9.5	-----
Open Reduction of Hip Fracture	22	13.6	7.4	-----	18.2	13.2	-----	18.2	17.2	-----
Prostatectomy	54	0.0	1.2	1.8	1.9	2.9	2.5	5.6	4.9	4.1
Cholecystectomy	41	2.4	2.4	-----	2.4	4.5	-----	2.4	6.2	-----
Hysterectomy	18	5.6	0.9	-----	5.6	1.9	-----	5.6	2.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



INDIANA HOSPITAL

Medicare Provider Number: 390173

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.1 years
Proportion female	56.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	23.2 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	12.9 %
Admitted for emergency	36.0 %

COMORBIDITIES:	
Cancer	6.3 %
Chronic cardiovascular disease	45.4 %
Chronic liver disease	0.8 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	16.4 %
Cerebrovascular degeneration	4.9 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	91.7%
State	7.2%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	171
Occupancy Rate	67.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.5 %
Case Mix Index (CMI)	1.1254
STAFFING:	
Total Number of Physicians	66
Percent of Physicians Board Certified Specialists	83.3 %
Medical Residents/Interns	0
Registered Nurses	168
Licensed Practical Nurses	60

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

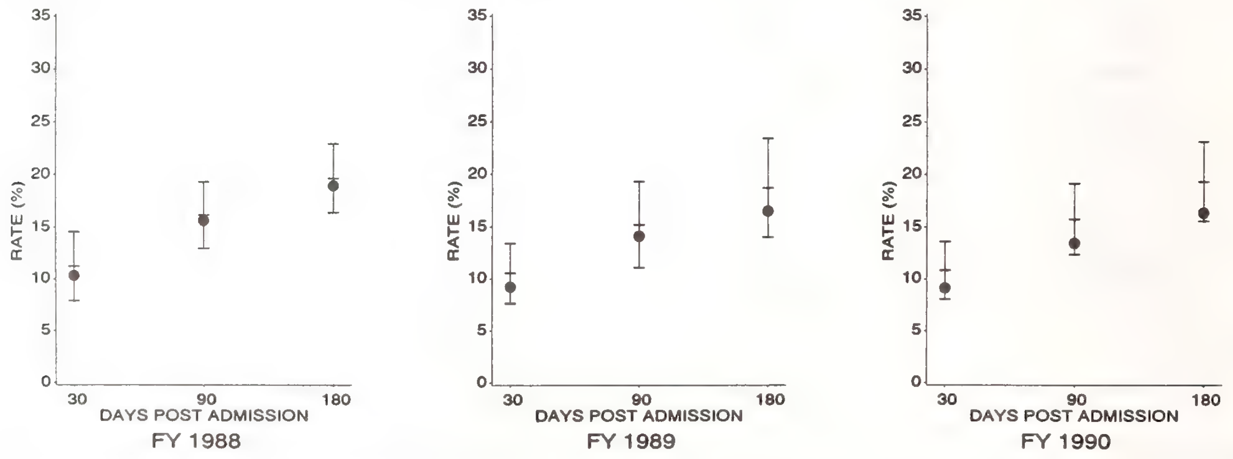
J C BLAIR MEMORIAL HOSPITAL
WARM SPRINGS AVE
HUNTINGDON, PA 16652
Medicare Provider Number: 390056

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	893	9.1	10.8	1.4	13.4	15.7	1.7	16.3	19.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	40	32.5	26.8	-----	35.0	29.7	-----	37.5	32.5	-----
Congestive Heart Failure	52	17.3	15.7	5.2	21.2	24.8	6.7	26.9	31.4	7.4
Pneumonia/Influenza	52	9.6	17.7	6.5	11.5	24.2	7.8	19.2	28.5	8.6
Chronic Obstructive Pulmonary Disease	21	4.8	7.4	-----	9.5	12.9	-----	19.0	17.5	-----
Transient Cerebral Ischemia	20	0.0	1.3	-----	0.0	3.2	-----	0.0	5.3	-----
Stroke	55	14.5	19.7	6.2	20.0	26.4	7.0	23.6	30.5	8.1
Hip Fracture	19	10.5	10.5	-----	36.8	19.3	-----	42.1	25.2	-----
Sepsis	12	25.0	32.8	-----	41.7	40.0	-----	50.0	44.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	21	0.0	4.2	-----	9.5	7.8	-----	9.5	10.2	-----
Open Reduction of Hip Fracture	5	20.0	12.5	-----	60.0	24.7	-----	60.0	32.8	-----
Prostatectomy	14	0.0	0.5	-----	0.0	1.3	-----	0.0	2.3	-----
Cholecystectomy	15	0.0	5.3	-----	6.7	10.0	-----	6.7	13.4	-----
Hysterectomy	7	0.0	0.4	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

J C BLAIR MEMORIAL HOSPITAL
Medicare Provider Number: 390056

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.8 years	Cancer	6.6 %
Proportion female	54.9 %	Chronic cardiovascular disease	36.1 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.8 %
Referred by personal or HMO physician	33.1 %	Chronic renal disease	3.6 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	15.8 %
Admitted for elective procedure	12.7 %	Cerebrovascular degeneration	5.8 %
Admitted for emergency	59.7 %	Diabetes mellitus	9.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	83.3%	Hospital	8.5 Days
State	15.6%	State	9.2 Days
Outside State	1.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	104	Burn Unit	No
Occupancy Rate	55.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	38.8 %	Hospice Care	No
Case Mix Index (CMI)	1.1203	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	42	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	81.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	84	Rehabilitation	No
Licensed Practical Nurses	46	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

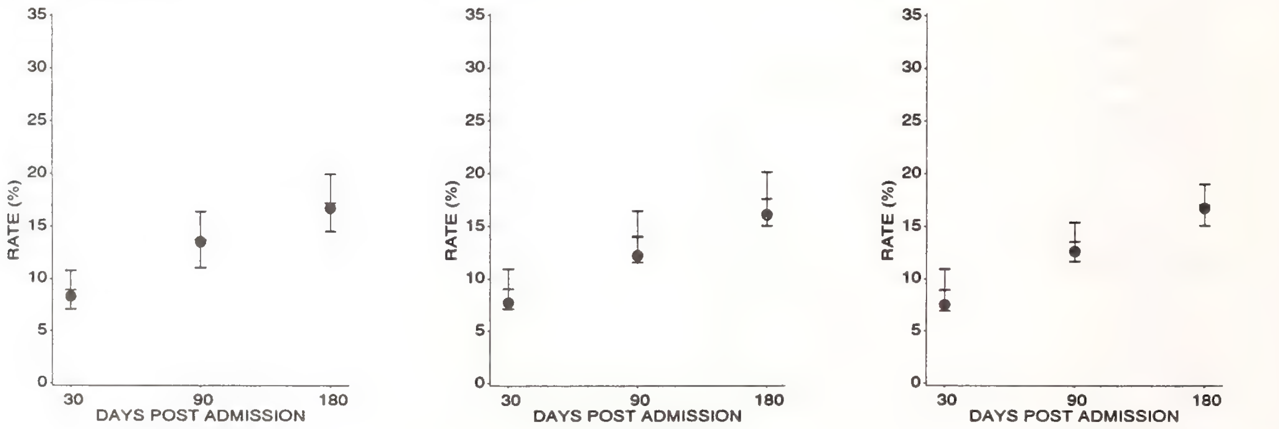
JAMESON MEMORIAL HOSPITAL
WEST LEISURE AVE
NEW CASTLE, PA 16101
Medicare Provider Number: 390016

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2129	7.5	8.9	1.0	12.6	13.5	0.9	16.7	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	74	20.3	29.0	6.1	31.1	31.6	5.5	33.8	34.3	5.7
Congestive Heart Failure	128	15.6	15.5	3.2	25.0	24.2	4.1	32.8	30.3	4.7
Pneumonia/Influenza	133	17.3	15.9	4.2	24.1	21.9	3.8	24.8	25.9	3.9
Chronic Obstructive Pulmonary Disease	37	0.0	8.0	-----	5.4	14.0	-----	5.4	18.5	-----
Transient Cerebral Ischemia	46	0.0	1.6	-----	2.2	3.7	-----	2.2	6.1	-----
Stroke	99	15.2	17.9	4.2	23.2	24.4	5.0	31.3	28.1	4.9
Hip Fracture	39	5.1	6.5	-----	10.3	11.1	-----	10.3	14.3	-----
Sepsis	31	22.6	27.1	-----	35.5	36.1	-----	41.9	41.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.4	-----	0.0	4.2	-----	0.0	6.1	-----
Carotid Endarterectomy	10	0.0	2.8	-----	0.0	5.7	-----	0.0	8.0	-----
Hip Replacement/Reconstruction	44	0.0	2.4	-----	0.0	4.2	-----	2.3	5.7	-----
Open Reduction of Hip Fracture	21	9.5	6.5	-----	19.0	11.1	-----	19.0	14.5	-----
Prostatectomy	27	0.0	1.3	-----	0.0	3.0	-----	0.0	5.0	-----
Cholecystectomy	36	0.0	1.7	-----	0.0	3.1	-----	2.8	4.3	-----
Hysterectomy	23	0.0	0.4	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

JAMESON MEMORIAL HOSPITAL
Medicare Provider Number: 390016

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	59.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	36.0 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	9.8 %
Admitted for emergency	1.4 %

COMORBIDITIES:

Cancer	8.7 %
Chronic cardiovascular disease	39.2 %
Chronic liver disease	0.5 %
Chronic renal disease	4.3 %
Chronic pulmonary disease	11.9 %
Cerebrovascular degeneration	1.4 %
Diabetes mellitus	6.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.6%
State	5.3%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	230
Occupancy Rate	70.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.8 %
Case Mix Index (CMI)	1.1608

STAFFING:

Total Number of Physicians	71
Percent of Physicians Board Certified Specialists	53.5 %
Medical Residents/Interns	0
Registered Nurses	216
Licensed Practical Nurses	15

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

JEANES HOSPITAL

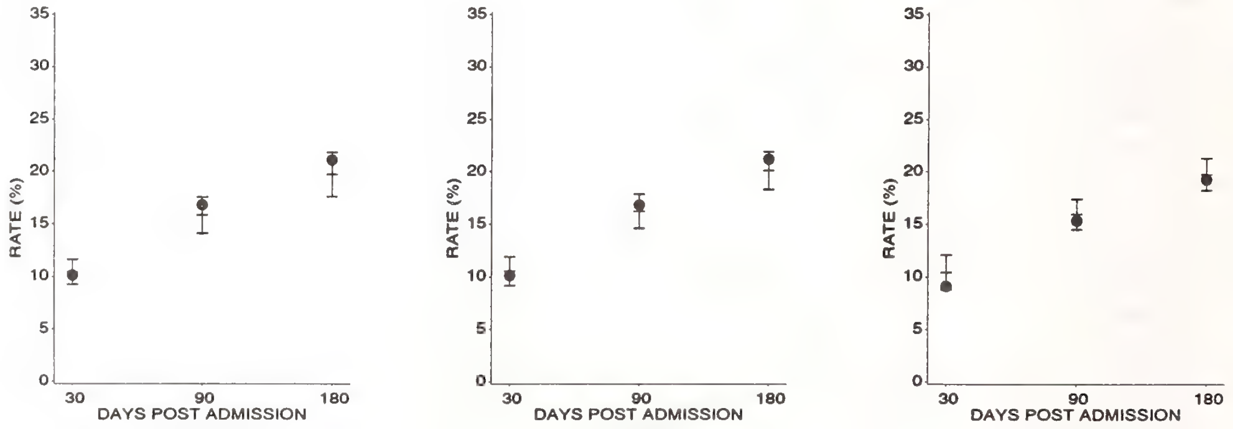
7600 CENTRAL AVE
PHILADELPHIA, PA 19111
Medicare Provider Number: 390080

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2868	9.1	10.4	0.8	15.3	15.9	0.7	19.2	19.7	0.8
CONDITIONS:										
Acute Myocardial Infarction	75	24.0	28.6	5.8	30.7	31.6	5.5	33.3	34.1	5.8
Congestive Heart Failure	163	16.0	16.1	3.1	25.8	25.6	4.0	31.9	31.9	3.9
Pneumonia/Influenza	146	14.4	18.8	6.5	20.5	25.5	7.3	26.0	29.8	6.5
Chronic Obstructive Pulmonary Disease	44	2.3	8.1	-----	4.5	14.4	-----	9.1	19.1	-----
Transient Cerebral Ischemia	107	2.8	2.1	1.5	4.7	4.7	2.3	7.5	7.6	3.1
Stroke	104	14.4	19.5	6.0	24.0	26.3	5.2	26.9	30.2	5.2
Hip Fracture	93	4.3	6.4	3.5	10.8	11.3	4.0	15.1	14.6	3.9
Sepsis	26	42.3	30.4	-----	57.7	39.4	-----	65.4	44.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	25	0.0	4.0	-----	4.0	7.5	-----	4.0	10.3	-----
Carotid Endarterectomy	12	0.0	1.6	-----	0.0	3.1	-----	0.0	4.5	-----
Hip Replacement/Reconstruction	58	5.2	4.0	2.8	8.6	7.5	3.9	13.8	10.1	5.3
Open Reduction of Hip Fracture	55	3.6	5.9	4.2	9.1	10.6	5.4	10.9	13.9	5.9
Prostatectomy	59	0.0	0.9	-----	0.0	2.1	-----	0.0	3.5	-----
Cholecystectomy	58	0.0	2.9	4.1	6.9	4.8	3.4	8.6	6.2	3.8
Hysterectomy	29	0.0	0.6	-----	0.0	1.3	-----	0.0	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

JEANES HOSPITAL

Medicare Provider Number: 390080

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.2 years
Proportion female	61.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.0 %
Transferred from skilled nursing facility	1.8 %
Admitted for elective procedure	17.4 %
Admitted for emergency	81.1 %

COMORBIDITIES:

Cancer	10.9 %
Chronic cardiovascular disease	34.9 %
Chronic liver disease	0.5 %
Chronic renal disease	1.3 %
Chronic pulmonary disease	10.1 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	4.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	86.4%
State	10.6%
Outside State	3.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	208
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	57.7 %
Case Mix Index (CMI)	1.1692

STAFFING:

Total Number of Physicians	287
Percent of Physicians Board Certified Specialists	71.1 %
Medical Residents/Interns	0
Registered Nurses	125
Licensed Practical Nurses	58

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

JEANNETTE DISTRICT MEMORIAL HOSPITAL

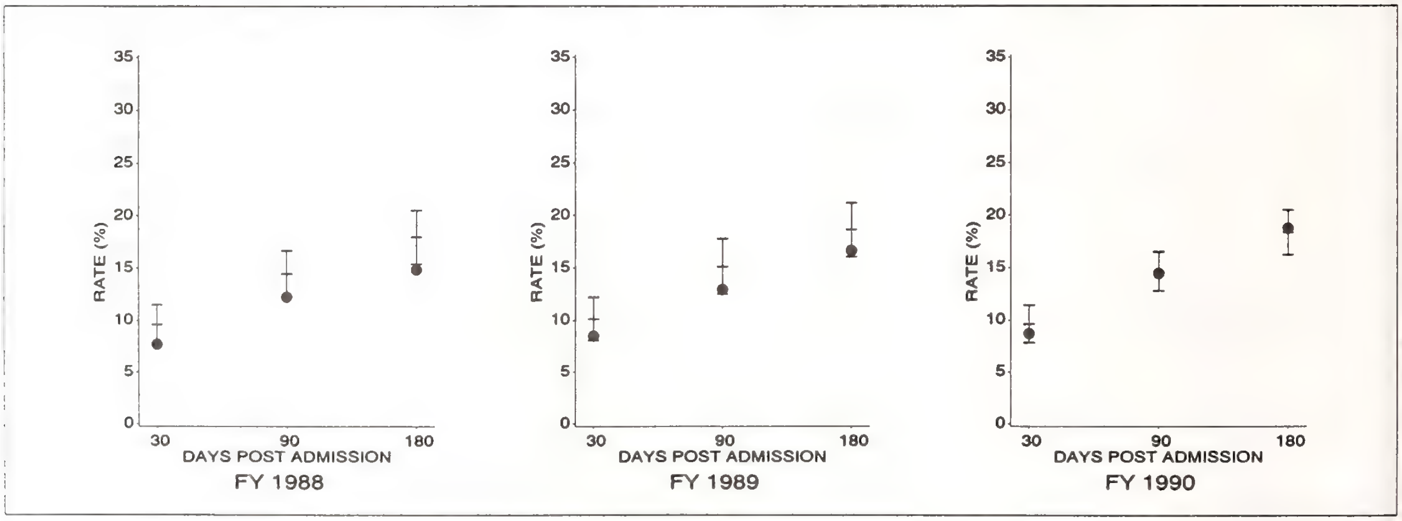
600 JEFFERSON AVE
JEANNETTE, PA 15644
Medicare Provider Number: 390010

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1686	8.7	9.6	0.9	14.4	14.6	0.9	18.7	18.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	79	25.3	27.0	6.0	32.9	31.3	5.9	36.7	34.3	6.1
Congestive Heart Failure	117	17.9	15.8	4.2	26.5	24.9	4.2	33.3	31.3	4.6
Pneumonia/Influenza	78	7.7	14.7	6.3	12.8	19.9	6.3	17.9	23.4	6.4
Chronic Obstructive Pulmonary Disease	30	16.7	11.5	-----	30.0	19.5	-----	33.3	25.0	-----
Transient Cerebral Ischemia	43	4.7	1.6	-----	4.7	3.9	-----	9.3	6.8	-----
Stroke	63	14.3	21.4	6.6	28.6	28.7	5.7	34.9	32.8	6.3
Hip Fracture	33	6.1	8.6	-----	12.1	13.7	-----	18.2	16.9	-----
Sepsis	31	25.8	22.5	-----	29.0	29.9	-----	35.5	34.4	-----
PROCEDURES:										
Angioplasty	1	0.0	4.9	-----	0.0	5.4	-----	0.0	6.0	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	7.7	3.6	-----	15.4	6.8	-----	15.4	9.4	-----
Carotid Endarterectomy	3	0.0	1.3	-----	0.0	2.4	-----	0.0	3.6	-----
Hip Replacement/Reconstruction	12	8.3	11.3	-----	16.7	17.7	-----	25.0	21.3	-----
Open Reduction of Hip Fracture	22	0.0	5.2	-----	9.1	9.1	-----	9.1	11.9	-----
Prostatectomy	39	0.0	1.4	-----	5.1	3.2	-----	7.7	5.3	-----
Cholecystectomy	25	8.0	3.8	-----	12.0	7.8	-----	12.0	10.9	-----
Hysterectomy	8	0.0	0.8	-----	0.0	1.9	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



JEANNETTE DISTRICT MEMORIAL HOSPITAL

Medicare Provider Number: 390010

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	61.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	28.3 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	7.4 %
Admitted for emergency	81.1 %

COMORBIDITIES:

Cancer	9.0 %
Chronic cardiovascular disease	37.0 %
Chronic liver disease	0.9 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	12.6 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	5.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	95.1%
State	4.4%
Outside State	0.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	162
Occupancy Rate	72.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	50.4 %
Case Mix Index (CMI)	1.1109

STAFFING:

Total Number of Physicians	130
Percent of Physicians Board Certified Specialists	83.1 %
Medical Residents/Interns	0
Registered Nurses	197
Licensed Practical Nurses	45

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

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* Not used in calculating mortality rates

JEFFERSON HOSPITAL

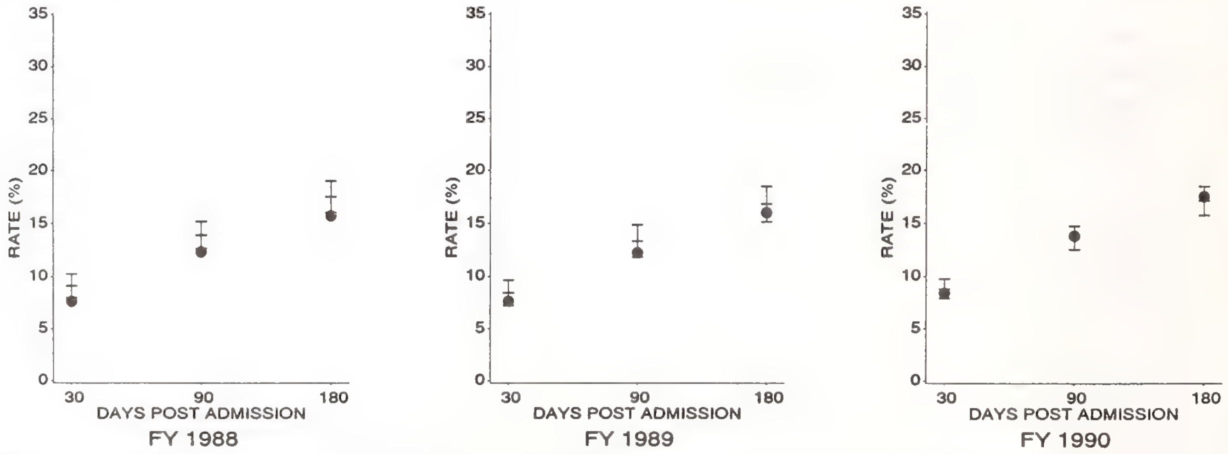
COAL VALLEY RD
PITTSBURGH, PA 15236
Medicare Provider Number: 390265

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	4613	8.4	8.8	0.5	13.8	13.6	0.6	17.5	17.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	162	19.8	24.7	5.4	22.2	27.8	5.8	25.9	30.7	6.4
Congestive Heart Failure	254	15.7	14.2	2.6	25.6	22.7	4.4	33.5	29.0	4.3
Pneumonia/Influenza	208	14.4	15.7	2.8	22.1	21.7	3.0	25.5	25.6	3.0
Chronic Obstructive Pulmonary Disease	159	6.3	10.0	3.5	15.7	17.0	6.0	18.2	22.1	5.4
Transient Cerebral Ischemia	106	0.9	1.5	1.3	1.9	3.4	2.3	1.9	5.6	3.3
Stroke	207	18.8	17.1	3.1	29.0	23.9	5.3	32.9	27.7	6.0
Hip Fracture	96	4.2	5.9	3.9	7.3	10.5	4.2	11.5	13.9	4.0
Sepsis	47	31.9	26.0	-----	36.2	34.3	-----	42.6	38.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	43	7.0	3.6	-----	14.0	6.9	-----	20.9	9.8	-----
Carotid Endarterectomy	20	0.0	2.1	-----	5.0	4.1	-----	15.0	6.2	-----
Hip Replacement/Reconstruction	63	0.0	2.9	3.2	3.2	5.5	4.2	3.2	7.6	5.5
Open Reduction of Hip Fracture	56	5.4	5.8	3.8	7.1	10.5	5.0	14.3	13.9	4.8
Prostatectomy	148	1.4	1.3	0.9	2.7	2.8	1.4	4.7	4.6	1.7
Cholecystectomy	108	2.8	2.2	2.1	3.7	4.1	3.9	7.4	5.6	4.3
Hysterectomy	16	0.0	0.8	-----	0.0	1.7	-----	0.0	2.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



JEFFERSON HOSPITAL

Medicare Provider Number: 390265

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.9 years
Proportion female	54.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	31.6 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	3.2 %
Admitted for emergency	58.3 %

COMORBIDITIES:

Cancer	7.8 %
Chronic cardiovascular disease	34.8 %
Chronic liver disease	1.3 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	15.5 %
Cerebrovascular degeneration	4.7 %
Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	81.4%
State	17.5%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	464
Occupancy Rate	85.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	56.1 %
Case Mix Index (CMI)	1.2134

STAFFING:

Total Number of Physicians	270
Percent of Physicians Board Certified Specialists	68.5 %
Medical Residents/Interns	0
Registered Nurses	458
Licensed Practical Nurses	68

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

JEFFERSON PARK HOSPITAL

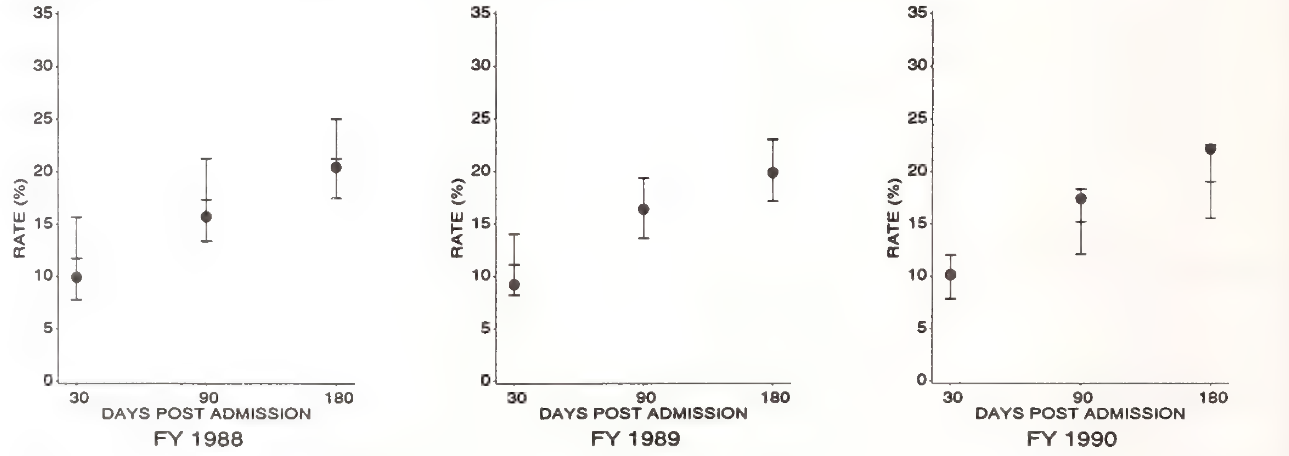
3905 FORD RD
PHILADELPHIA, PA 19131
Medicare Provider Number: 390149

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	810	10.1	9.9	1.1	17.4	15.2	1.6	22.1	19.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	18	22.2	31.1	-----	27.8	34.5	-----	27.8	37.4	-----
Congestive Heart Failure	53	18.9	17.0	5.4	34.0	26.6	8.9	39.6	32.8	10.5
Pneumonia/Influenza	33	21.2	17.1	-----	33.3	23.8	-----	39.4	28.1	-----
Chronic Obstructive Pulmonary Disease	16	25.0	11.1	-----	25.0	18.8	-----	37.5	24.2	-----
Transient Cerebral Ischemia	15	0.0	2.4	-----	13.3	5.4	-----	13.3	8.4	-----
Stroke	32	18.8	22.0	-----	21.9	27.8	-----	28.1	31.6	-----
Hip Fracture	29	3.4	7.2	-----	13.8	13.0	-----	17.2	17.0	-----
Sepsis	13	38.5	22.8	-----	38.5	31.5	-----	46.2	36.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	1.7	-----	0.0	3.2	-----	0.0	4.9	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	15	6.7	4.6	-----	13.3	8.9	-----	20.0	12.0	-----
Open Reduction of Hip Fracture	19	5.3	6.4	-----	15.8	11.8	-----	15.8	15.4	-----
Prostatectomy	24	4.2	1.2	-----	4.2	3.1	-----	8.3	5.3	-----
Cholecystectomy	14	7.1	3.1	-----	7.1	4.8	-----	7.1	5.7	-----
Hysterectomy	5	0.0	0.8	-----	0.0	1.7	-----	0.0	2.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



JEFFERSON PARK HOSPITAL

Medicare Provider Number: 390149

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.7 years
Proportion female	61.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	27.4 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	20.1 %
Admitted for emergency	70.7 %

COMORBIDITIES:	
Cancer	6.9 %
Chronic cardiovascular disease	34.4 %
Chronic liver disease	0.7 %
Chronic renal disease	1.7 %
Chronic pulmonary disease	9.6 %
Cerebrovascular degeneration	4.6 %
Diabetes mellitus	11.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	86.3%
State	10.4%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	86
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.8 %
Case Mix Index (CMI)	1.2343
STAFFING:	
Total Number of Physicians	300
Percent of Physicians Board Certified Specialists	70.3 %
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	2

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* **Not used in calculating mortality rates**

JERSEY SHORE HOSPITAL

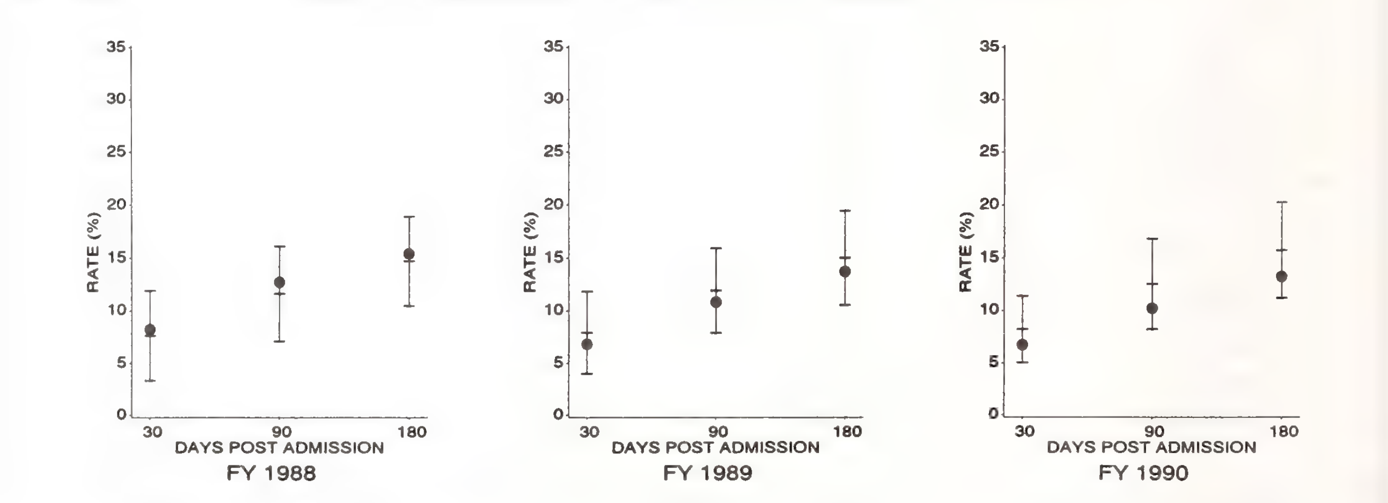
THOMPSON ST
JERSEY SHORE, PA 17740
Medicare Provider Number: 390106

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	432	6.7	8.2	1.6	10.2	12.5	2.2	13.2	15.7	2.3
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	26.6	-----	31.6	29.3	-----	31.6	31.8	-----
Congestive Heart Failure	25	4.0	13.4	-----	12.0	21.9	-----	20.0	28.7	-----
Pneumonia/Influenza	17	5.9	10.8	-----	5.9	14.8	-----	17.6	18.0	-----
Chronic Obstructive Pulmonary Disease	18	0.0	7.8	-----	0.0	13.0	-----	5.6	17.0	-----
Transient Cerebral Ischemia	22	4.5	1.5	-----	13.6	3.7	-----	13.6	6.3	-----
Stroke	17	23.5	22.0	-----	35.3	27.4	-----	35.3	30.9	-----
Hip Fracture	9	0.0	6.4	-----	11.1	11.1	-----	11.1	15.2	-----
Sepsis	9	11.1	20.3	-----	22.2	28.9	-----	22.2	33.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	8.9	-----	0.0	14.6	-----	0.0	17.8	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	2.7	-----	0.0	4.7	-----	0.0	6.1	-----
Open Reduction of Hip Fracture	7	0.0	6.1	-----	14.3	11.0	-----	14.3	15.3	-----
Prostatectomy	16	6.3	1.3	-----	6.3	2.9	-----	18.8	4.8	-----
Cholecystectomy	11	0.0	1.9	-----	0.0	4.2	-----	0.0	6.1	-----
Hysterectomy	1	0.0	0.3	-----	0.0	0.7	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

JERSEY SHORE HOSPITAL
Medicare Provider Number: 390106

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.0 years	Cancer	5.8 %
Proportion female	63.4 %	Chronic cardiovascular disease	38.9 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.5 %
Referred by personal or HMO physician	38.0 %	Chronic renal disease	1.2 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	22.9 %
Admitted for elective procedure	37.7 %	Cerebrovascular degeneration	3.0 %
Admitted for emergency	49.3 %	Diabetes mellitus	12.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	54.1%	Hospital	5.4 Days
State	44.2%	State	9.2 Days
Outside State	1.7%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	52	Burn Unit	No
Occupancy Rate	32.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	50.6 %	Hospice Care	No
Case Mix Index (CMI)	1.0807	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	17	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	41.2 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	36	Alcohol/Drug	No
Licensed Practical Nurses	19	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

JOHN F KENNEDY MEMORIAL HOSPITAL

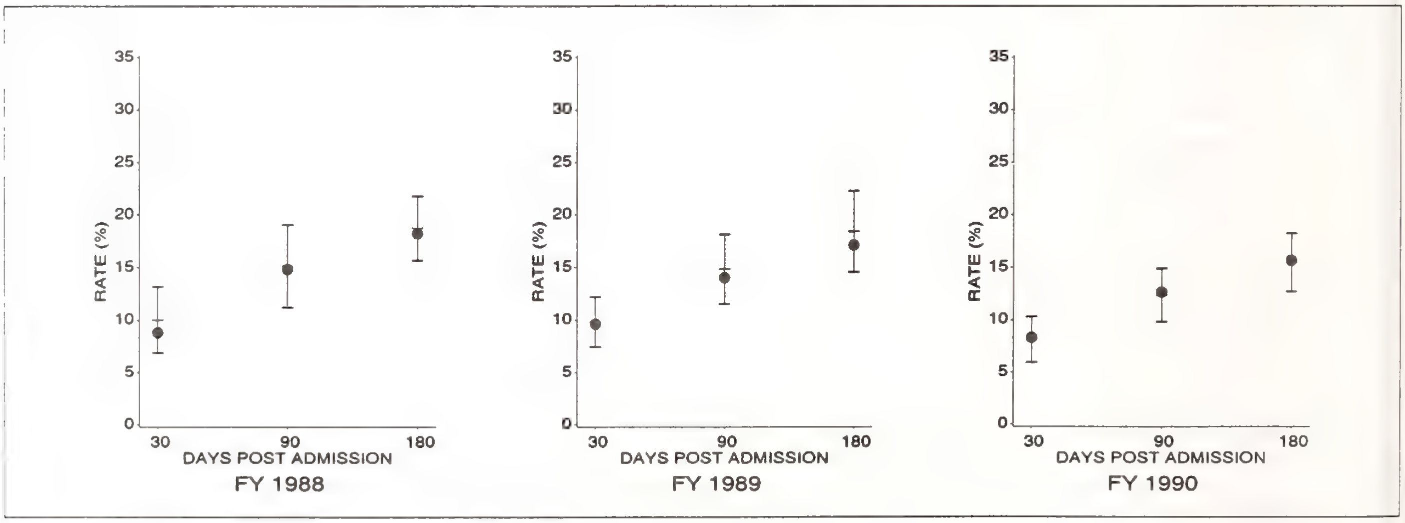
LANGDON ST & CHELTENHAM AVE
PHILADELPHIA, PA 19124
Medicare Provider Number: 390083

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	700	8.3	8.1	1.1	12.6	12.3	1.3	15.6	15.4	1.4
CONDITIONS:										
Acute Myocardial Infarction	31	19.4	23.3	-----	22.6	25.8	-----	25.8	28.1	-----
Congestive Heart Failure	39	7.7	14.7	-----	23.1	23.4	-----	35.9	29.7	-----
Pneumonia/Influenza	23	17.4	12.9	-----	21.7	17.7	-----	26.1	20.9	-----
Chronic Obstructive Pulmonary Disease	16	18.8	6.8	-----	25.0	12.1	-----	31.3	16.4	-----
Transient Cerebral Ischemia	16	0.0	1.8	-----	0.0	4.3	-----	6.3	7.0	-----
Stroke	25	16.0	18.8	-----	24.0	24.3	-----	24.0	27.7	-----
Hip Fracture	14	0.0	3.9	-----	0.0	6.8	-----	7.1	9.2	-----
Sepsis	8	25.0	42.7	-----	37.5	52.4	-----	37.5	57.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	9.5	-----	50.0	14.0	-----	50.0	16.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	3.2	-----	0.0	5.8	-----	0.0	8.0	-----
Open Reduction of Hip Fracture	7	0.0	3.9	-----	0.0	6.9	-----	14.3	9.4	-----
Prostatectomy	25	4.0	0.7	-----	4.0	1.7	-----	8.0	2.9	-----
Cholecystectomy	13	0.0	2.3	-----	0.0	3.8	-----	0.0	4.8	-----
Hysterectomy	4	0.0	0.9	-----	0.0	2.2	-----	0.0	3.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



JOHN F KENNEDY MEMORIAL HOSPITAL

Medicare Provider Number: 390083

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	71.8 years
Proportion female	47.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	28.6 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	21.0 %
Admitted for emergency	79.0 %

COMORBIDITIES:

Cancer	5.3 %
Chronic cardiovascular disease	32.1 %
Chronic liver disease	1.0 %
Chronic renal disease	5.1 %
Chronic pulmonary disease	13.0 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.1%
State	4.2%
Outside State	4.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	160
Occupancy Rate	51.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	26.7 %
Case Mix Index (CMI)	1.1669

STAFFING:

Total Number of Physicians	202
Percent of Physicians Board Certified Specialists	44.1 %
Medical Residents/Interns	0
Registered Nurses	90
Licensed Practical Nurses	43

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

KENSINGTON HOSPITAL

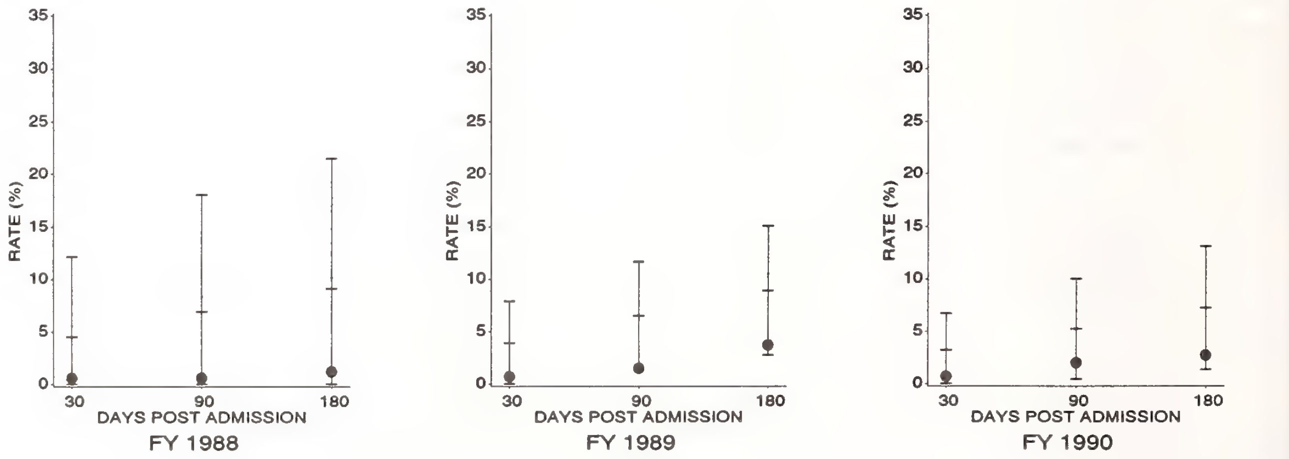
136 W DIAMOND STREET
PHILADELPHIA, PA 19122
Medicare Provider Number: 390025

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	148	0.7	3.2	1.8	2.0	5.2	2.4	2.7	7.2	2.9
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	28.9	-----	0.0	30.6	-----	0.0	32.6	-----
Congestive Heart Failure	6	16.7	8.7	-----	16.7	13.6	-----	16.7	18.4	-----
Pneumonia/Influenza	3	0.0	11.1	-----	0.0	16.5	-----	0.0	22.0	-----
Chronic Obstructive Pulmonary Disease	5	0.0	6.7	-----	20.0	11.3	-----	20.0	15.2	-----
Transient Cerebral Ischemia	11	0.0	1.2	-----	0.0	2.6	-----	0.0	4.3	-----
Stroke	1	0.0	30.5	-----	0.0	37.9	-----	0.0	41.8	-----
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	1	0.0	0.4	-----	0.0	0.9	-----	0.0	1.5	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



KENSINGTON HOSPITAL

Medicare Provider Number: 390025

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	63.1 years
Proportion female	40.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	66.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	2.0 %
Admitted for emergency	8.8 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	51.4 %
Chronic liver disease	2.7 %
Chronic renal disease	0.7 %
Chronic pulmonary disease	27.0 %
Cerebrovascular degeneration	8.1 %
Diabetes mellitus	23.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	95.3%
State	1.7%
Outside State	3.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	45
Occupancy Rate	80.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	8.5 %
Case Mix Index (CMI)	0.8008

STAFFING:

Total Number of Physicians	28
Percent of Physicians Board Certified Specialists	75.0 %
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	1

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

LANCASTER GENERAL HOSPITAL

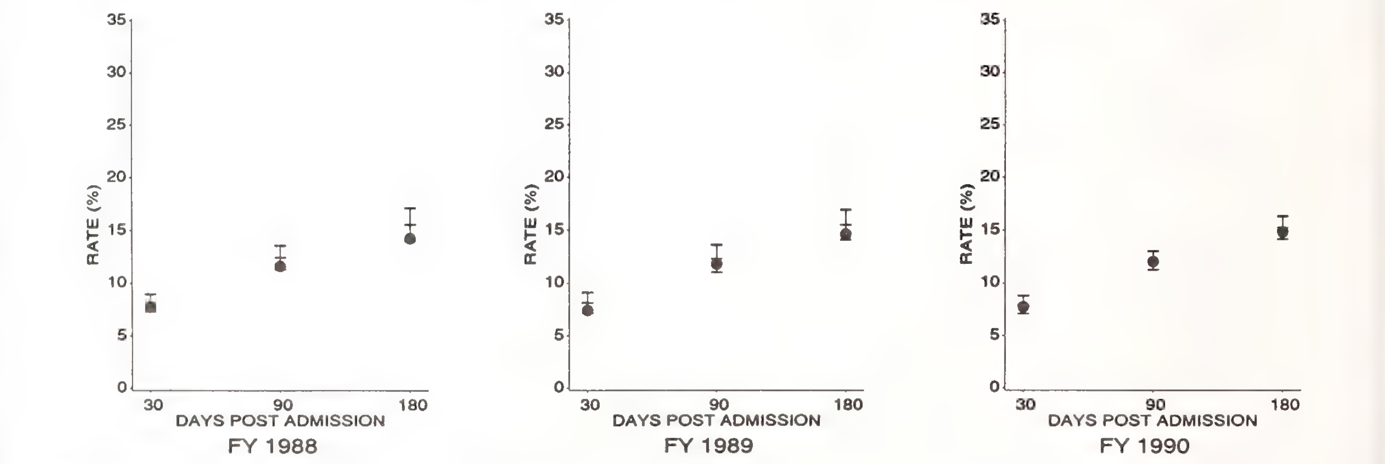
555 N DUKE ST
LANCASTER, PA 17604
Medicare Provider Number: 390100

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	5693	7.7	7.9	0.4	12.0	12.1	0.4	14.8	15.2	0.5
CONDITIONS:										
Acute Myocardial Infarction	159	24.5	29.1	5.9	30.2	31.9	6.4	32.7	34.5	6.5
Congestive Heart Failure	302	16.9	14.6	3.5	27.8	22.9	4.1	35.1	29.0	4.7
Pneumonia/Influenza	120	18.3	17.0	3.9	25.8	23.4	4.9	30.0	27.6	5.3
Chronic Obstructive Pulmonary Disease	69	11.6	8.2	6.9	20.3	13.9	7.9	26.1	18.3	9.0
Transient Cerebral Ischemia	70	1.4	2.1	2.0	4.3	4.5	2.9	5.7	7.0	3.5
Stroke	185	19.5	22.2	3.8	25.4	28.7	5.2	26.5	32.5	6.0
Hip Fracture	175	4.0	6.0	3.6	10.3	10.7	3.5	13.7	13.9	2.7
Sepsis	65	32.3	25.8	5.8	33.8	33.2	6.3	36.9	37.5	7.3
PROCEDURES:										
Angioplasty	157	4.5	4.8	3.4	6.4	6.0	3.7	8.3	7.1	2.9
Coronary Artery Bypass Graft	289	3.8	6.1	2.1	6.2	8.8	2.7	6.9	10.0	2.9
Initial Pacemaker Insertion	130	0.8	2.8	1.8	3.1	5.8	2.3	5.4	8.6	3.0
Carotid Endarterectomy	23	4.3	1.9	-----	8.7	3.6	-----	8.7	5.3	-----
Hip Replacement/Reconstruction	142	1.4	2.7	2.0	2.8	5.1	3.6	4.9	6.9	4.4
Open Reduction of Hip Fracture	96	3.1	5.7	2.9	10.4	10.3	3.3	14.6	13.7	3.8
Prostatectomy	165	0.6	1.4	1.2	1.2	3.0	1.9	2.4	4.8	2.5
Cholecystectomy	124	5.6	2.7	3.1	8.9	5.0	4.5	11.3	6.8	4.9
Hysterectomy	58	1.7	1.2	1.8	3.4	2.7	3.1	5.2	4.2	4.5

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

LANCASTER GENERAL HOSPITAL
Medicare Provider Number: 390100

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.5 years
Proportion female	52.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	55.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	26.2 %
Admitted for emergency	44.5 %

COMORBIDITIES:	
Cancer	8.4 %
Chronic cardiovascular disease	50.6 %
Chronic liver disease	0.4 %
Chronic renal disease	3.1 %
Chronic pulmonary disease	13.6 %
Cerebrovascular degeneration	2.1 %
Diabetes mellitus	12.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	89.3%
State	8.5%
Outside State	2.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	553
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.5 %
Case Mix Index (CMI)	1.6445
STAFFING:	
Total Number of Physicians	299
Percent of Physicians Board Certified Specialists	89.3 %
Medical Residents/Interns	34
Registered Nurses	618
Licensed Practical Nurses	105

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

LANKENAU HOSPITAL

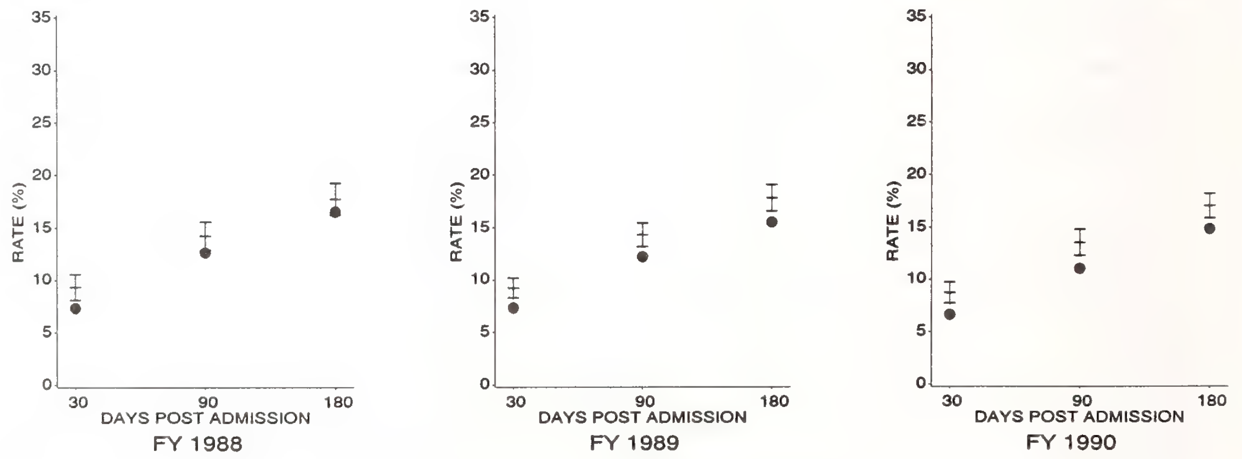
LANCASTER & CITY LINE AVE
PHILADELPHIA, PA 19151
Medicare Provider Number: 390195

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	4542	6.6	8.7	0.5	11.0	13.5	0.6	14.8	17.0	0.6
CONDITIONS:										
Acute Myocardial Infarction	88	15.9	25.3	6.9	18.2	28.4	7.2	19.3	31.1	7.7
Congestive Heart Failure	210	12.4	15.3	3.3	17.6	24.4	5.1	24.3	31.1	5.4
Pneumonia/Influenza	125	11.2	17.7	4.9	16.8	24.4	5.9	21.6	28.3	5.7
Chronic Obstructive Pulmonary Disease	58	3.4	10.2	7.7	5.2	17.1	12.5	8.6	21.8	13.4
Transient Cerebral Ischemia	110	0.0	1.5	1.6	0.9	3.4	2.2	0.9	5.6	3.5
Stroke	193	10.4	19.4	3.9	18.1	26.4	4.2	22.3	30.4	4.3
Hip Fracture	92	6.5	6.0	2.6	15.2	10.9	4.9	15.2	14.1	3.9
Sepsis	72	16.7	28.0	7.6	26.4	36.1	8.1	30.6	40.7	7.8
PROCEDURES:										
Angioplasty	114	2.6	2.8	1.8	3.5	4.0	2.2	4.4	5.0	2.2
Coronary Artery Bypass Graft	222	4.5	5.5	1.9	6.3	8.1	3.0	8.6	9.2	3.2
Initial Pacemaker Insertion	29	0.0	2.3	-----	6.9	4.6	-----	10.3	6.8	-----
Carotid Endarterectomy	4	0.0	1.2	-----	0.0	2.2	-----	0.0	3.2	-----
Hip Replacement/Reconstruction	39	10.3	4.7	-----	20.5	8.6	-----	20.5	11.3	-----
Open Reduction of Hip Fracture	50	4.0	5.4	-----	12.0	10.2	-----	12.0	13.6	-----
Prostatectomy	114	0.0	1.1	1.3	0.9	2.4	1.9	0.9	4.0	3.2
Cholecystectomy	60	5.0	2.6	3.4	6.7	4.6	4.0	10.0	6.1	4.5
Hysterectomy	69	0.0	0.8	-----	0.0	1.7	-----	0.0	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

LANKENAU HOSPITAL

Medicare Provider Number: 390195

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	57.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	48.9 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	24.1 %
Admitted for emergency	71.4 %

COMORBIDITIES:

Cancer	8.7 %
Chronic cardiovascular disease	35.7 %
Chronic liver disease	0.7 %
Chronic renal disease	3.9 %
Chronic pulmonary disease	8.4 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	6.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	20.2%
State	73.7%
Outside State	6.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	403
Occupancy Rate	92.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.9 %
Case Mix Index (CMI)	1.4655

STAFFING:

Total Number of Physicians	290
Percent of Physicians Board Certified Specialists	85.5 %
Medical Residents/Interns	87
Registered Nurses	671
Licensed Practical Nurses	30

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

LATROBE AREA HOSPITAL

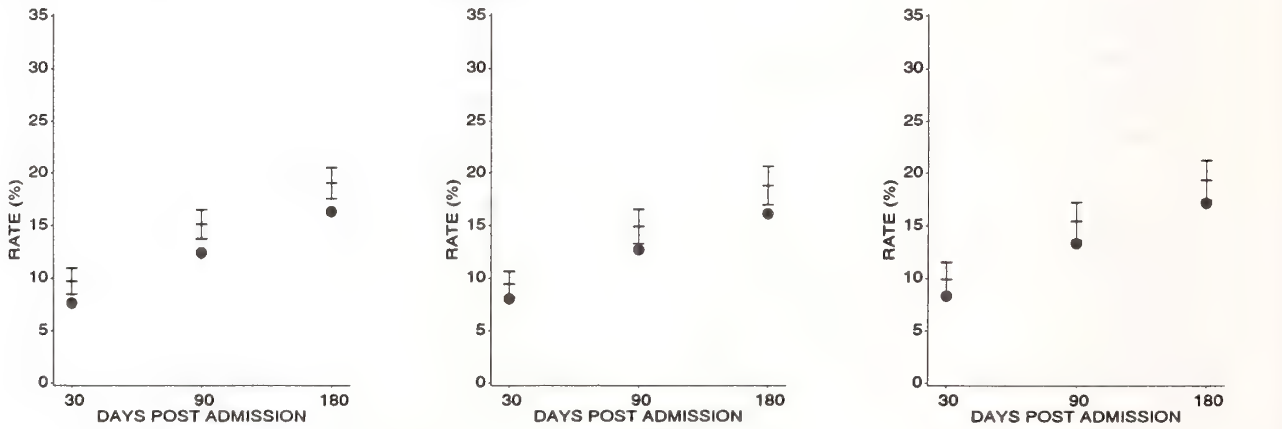
WEST SECOND AVE
LATROBE, PA 15650
Medicare Provider Number: 390219

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3165	8.3	9.9	0.8	13.3	15.4	0.9	17.1	19.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	87	24.1	23.4	4.6	32.2	28.0	6.5	37.9	31.4	6.6
Congestive Heart Failure	187	13.9	15.6	3.2	21.9	24.8	4.9	28.3	31.3	6.5
Pneumonia/Influenza	110	14.5	17.6	4.0	20.0	24.1	5.1	25.5	28.6	5.5
Chronic Obstructive Pulmonary Disease	110	4.5	8.7	5.3	13.6	14.6	5.7	20.0	19.0	5.2
Transient Cerebral Ischemia	44	6.8	1.5	-----	13.6	3.5	-----	13.6	5.9	-----
Stroke	131	16.0	19.9	5.2	23.7	27.2	6.3	26.0	31.4	7.5
Hip Fracture	54	14.8	7.3	6.0	20.4	12.6	7.6	24.1	16.4	7.3
Sepsis	50	16.0	26.3	-----	18.0	34.6	-----	24.0	39.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	15.4	5.1	-----	23.1	11.0	-----	23.1	16.2	-----
Carotid Endarterectomy	2	0.0	1.2	-----	0.0	2.2	-----	0.0	3.2	-----
Hip Replacement/Reconstruction	45	8.9	2.7	-----	11.1	5.0	-----	11.1	6.8	-----
Open Reduction of Hip Fracture	31	16.1	6.9	-----	22.6	12.5	-----	29.0	16.5	-----
Prostatectomy	77	0.0	1.0	1.4	0.0	2.2	2.3	0.0	3.9	3.5
Cholecystectomy	48	2.1	2.8	-----	6.3	5.0	-----	6.3	6.6	-----
Hysterectomy	25	0.0	0.3	-----	0.0	0.7	-----	0.0	1.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

LATROBE AREA HOSPITAL

Medicare Provider Number: 390219

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	56.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	27.5 %
Transferred from skilled nursing facility	3.6 %
Admitted for elective procedure	10.0 %
Admitted for emergency	75.0 %

COMORBIDITIES:

Cancer	9.0 %
Chronic cardiovascular disease	39.2 %
Chronic liver disease	1.0 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	15.0 %
Cerebrovascular degeneration	7.1 %
Diabetes mellitus	15.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.3%
State	18.6%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	266
Occupancy Rate	81.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.0 %
Case Mix Index (CMI)	1.2135

STAFFING:

Total Number of Physicians	136
Percent of Physicians Board Certified Specialists	82.4 %
Medical Residents/Interns	12
Registered Nurses	261
Licensed Practical Nurses	48

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

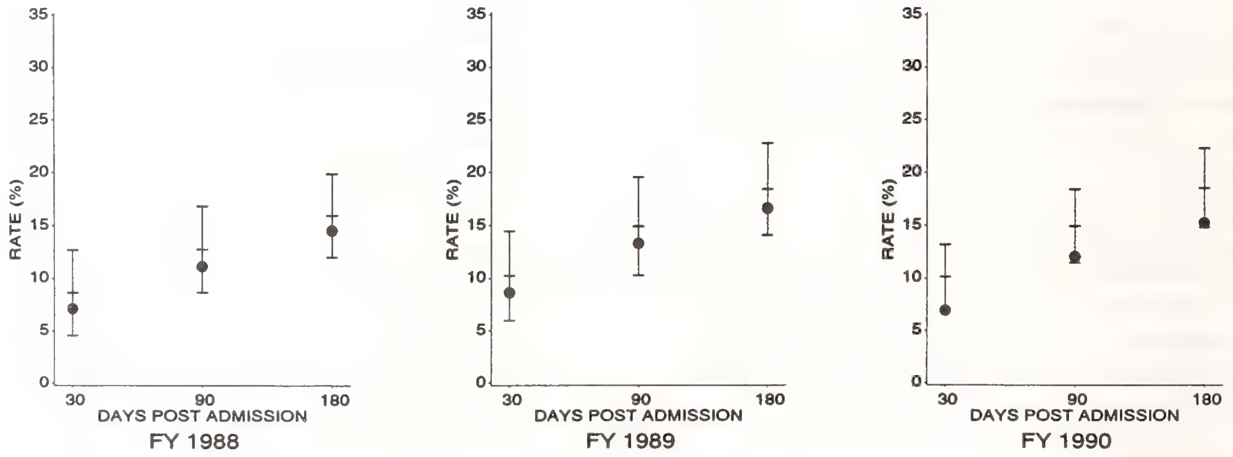
LAWNDALE COMMUNITY HOSPITAL
DEVEREAUX AVE & PALMETTO ST
PHILADELPHIA, PA 19111
Medicare Provider Number: 390021

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	606	6.9	10.1	1.5	12.0	14.9	1.7	15.2	18.5	1.9
CONDITIONS:										
Acute Myocardial Infarction	15	26.7	31.0	-----	26.7	34.5	-----	26.7	37.4	-----
Congestive Heart Failure	39	5.1	13.3	-----	10.3	21.6	-----	10.3	27.8	-----
Pneumonia/Influenza	26	3.8	16.2	-----	19.2	22.1	-----	26.9	26.1	-----
Chronic Obstructive Pulmonary Disease	11	9.1	10.9	-----	18.2	18.5	-----	27.3	23.7	-----
Transient Cerebral Ischemia	11	0.0	1.0	-----	9.1	2.2	-----	9.1	3.8	-----
Stroke	23	17.4	18.3	-----	26.1	26.6	-----	30.4	31.2	-----
Hip Fracture	16	12.5	5.3	-----	18.8	9.2	-----	18.8	11.9	-----
Sepsis	10	20.0	48.1	-----	40.0	56.6	-----	60.0	61.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	5	0.0	4.0	-----	0.0	7.6	-----	0.0	10.5	-----
Open Reduction of Hip Fracture	9	22.2	4.2	-----	22.2	7.7	-----	22.2	10.1	-----
Prostatectomy	16	0.0	1.3	-----	6.3	2.9	-----	6.3	4.9	-----
Cholecystectomy	8	12.5	3.2	-----	12.5	6.0	-----	12.5	8.0	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.3	-----	0.0	0.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

LAWNDALE COMMUNITY HOSPITAL
Medicare Provider Number: 390021

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.4 years
Proportion female	57.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	43.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	7.6 %
Admitted for emergency	88.8 %

COMORBIDITIES:	
Cancer	7.9 %
Chronic cardiovascular disease	39.8 %
Chronic liver disease	1.0 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	17.7 %
Cerebrovascular degeneration	5.0 %
Diabetes mellitus	9.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	94.4%
State	3.3%
Outside State	2.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	63
Occupancy Rate	50.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.0635
STAFFING:	
Total Number of Physicians	235
Percent of Physicians Board Certified Specialists	48.5 %
Medical Residents/Interns	3
Registered Nurses	41
Licensed Practical Nurses	6

** Except for CMI

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

LEE HOSPITAL

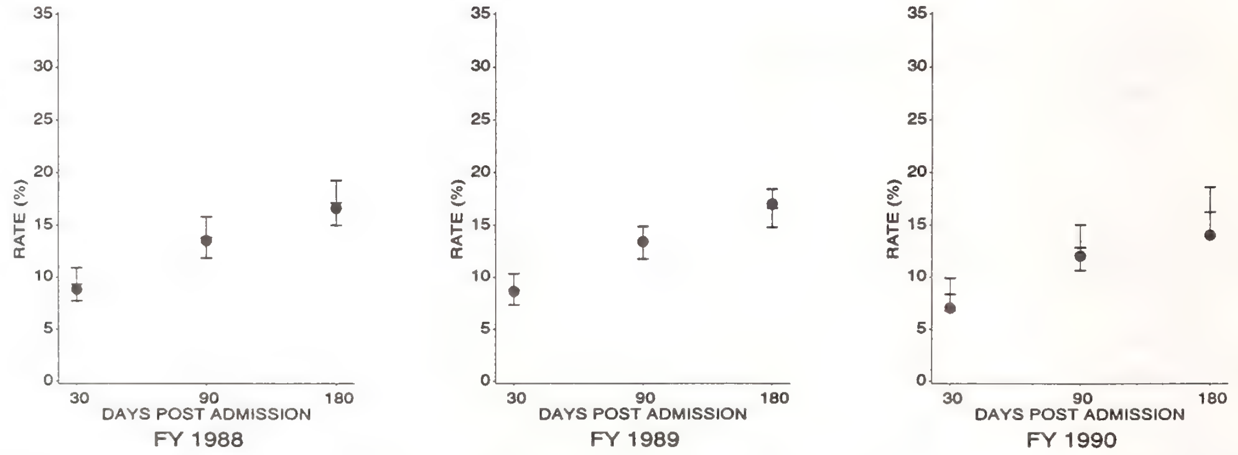
320 MAIN ST
JOHNSTOWN, PA 15901
Medicare Provider Number: 390011

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2494	7.0	8.3	0.8	12.0	12.8	1.1	14.0	16.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	46	15.2	25.4	-----	19.6	27.9	-----	23.9	30.6	-----
Congestive Heart Failure	141	13.5	15.0	3.3	27.0	23.9	4.2	30.5	29.9	3.9
Pneumonia/Influenza	121	13.2	15.6	4.8	18.2	21.7	6.4	20.7	26.1	6.7
Chronic Obstructive Pulmonary Disease	54	3.7	11.1	6.0	9.3	18.6	8.0	13.0	23.7	8.1
Transient Cerebral Ischemia	50	2.0	2.0	-----	2.0	4.4	-----	2.0	7.1	-----
Stroke	98	11.2	17.3	6.0	19.4	24.6	7.7	20.4	28.5	6.8
Hip Fracture	42	7.1	7.8	-----	9.5	13.8	-----	11.9	17.9	-----
Sepsis	36	19.4	26.1	-----	27.8	34.0	-----	30.6	38.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	30	0.0	3.5	-----	10.0	6.9	-----	10.0	10.1	-----
Carotid Endarterectomy	23	4.3	1.5	-----	4.3	2.8	-----	4.3	4.1	-----
Hip Replacement/Reconstruction	25	4.0	2.5	-----	4.0	4.6	-----	4.0	6.4	-----
Open Reduction of Hip Fracture	18	5.6	7.7	-----	5.6	13.8	-----	5.6	17.8	-----
Prostatectomy	57	0.0	1.4	2.5	1.8	3.3	4.3	7.0	5.6	4.9
Cholecystectomy	38	2.6	3.2	-----	2.6	5.2	-----	2.6	6.4	-----
Hysterectomy	7	0.0	0.3	-----	0.0	0.7	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988   FY 1989   FY 1990

LEE HOSPITAL

Medicare Provider Number: 390011

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	54.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	29.0 %
Transferred from skilled nursing facility	4.5 %
Admitted for elective procedure	18.4 %
Admitted for emergency	11.9 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	46.6 %
Chronic liver disease	1.0 %
Chronic renal disease	3.2 %
Chronic pulmonary disease	17.5 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	9.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	81.7%
State	17.1%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	242
Occupancy Rate	69.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	54.5 %
Case Mix Index (CMI)	1.1717

STAFFING:

Total Number of Physicians	92
Percent of Physicians Board Certified Specialists	47.8 %
Medical Residents/Interns	0
Registered Nurses	300
Licensed Practical Nurses	106

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

LEHIGH VALLEY HOSPITAL CENTER

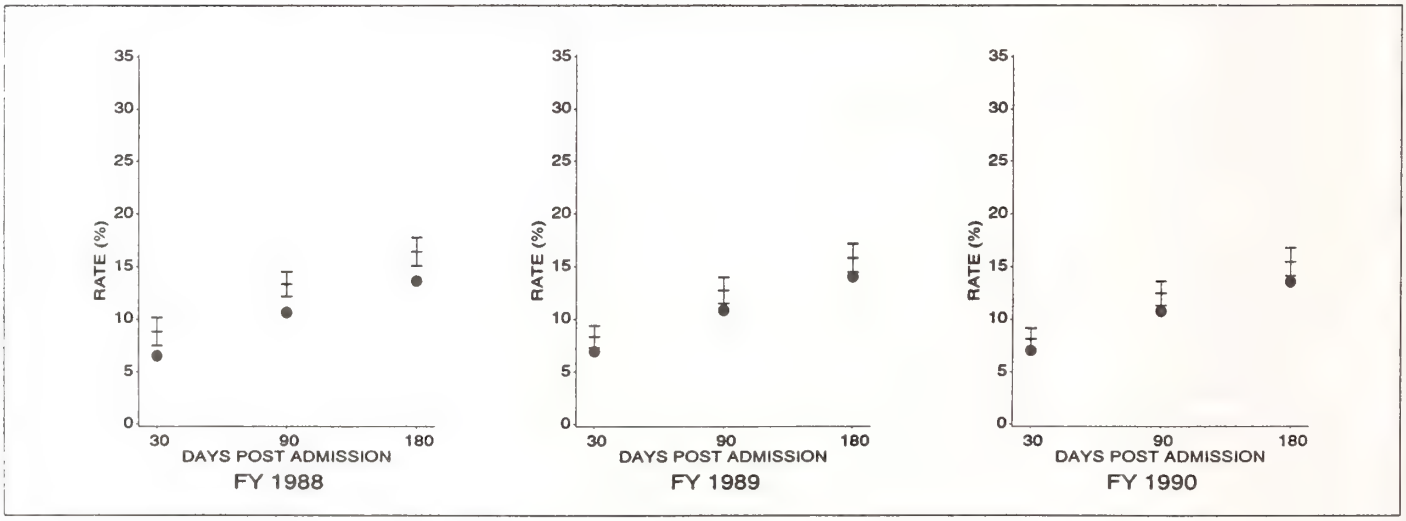
1200 S CEDAR CREST BLVD
ALLENTOWN, PA 18105
Medicare Provider Number: 390261

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	5397	7.0	8.1	0.5	10.7	12.4	0.6	13.5	15.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	151	27.2	25.5	3.9	31.8	28.7	4.7	34.4	31.5	4.5
Congestive Heart Failure	198	10.1	14.7	3.9	18.7	23.2	3.9	28.3	29.5	3.6
Pneumonia/Influenza	90	15.6	17.5	4.5	23.3	23.6	6.0	27.8	27.7	5.2
Chronic Obstructive Pulmonary Disease	66	6.1	9.4	5.7	10.6	15.9	6.8	19.7	20.7	7.5
Transient Cerebral Ischemia	77	1.3	2.1	1.7	1.3	4.4	2.7	2.6	6.7	3.7
Stroke	159	16.4	18.7	3.2	20.1	25.2	3.9	23.3	29.0	4.7
Hip Fracture	86	4.7	6.9	3.1	10.5	11.9	4.2	11.6	15.3	5.2
Sepsis	30	20.0	19.6	-----	30.0	26.5	-----	33.3	30.4	-----
PROCEDURES:										
Angioplasty	133	0.8	2.8	1.7	2.3	3.9	1.8	4.5	4.9	2.2
Coronary Artery Bypass Graft	319	5.6	7.2	2.2	7.8	10.7	2.9	9.1	12.2	3.1
Initial Pacemaker Insertion	41	9.8	3.0	-----	9.8	5.9	-----	9.8	8.6	-----
Carotid Endarterectomy	65	1.5	1.6	1.7	1.5	2.9	2.7	1.5	4.2	3.8
Hip Replacement/Reconstruction	94	2.1	2.6	1.7	5.3	4.8	2.3	6.4	6.4	2.6
Open Reduction of Hip Fracture	45	4.4	6.6	-----	4.4	11.5	-----	6.7	14.8	-----
Prostatectomy	227	0.4	1.1	0.8	1.3	2.6	1.4	1.8	4.4	2.0
Cholecystectomy	82	0.0	2.1	-----	0.0	3.8	-----	0.0	5.1	-----
Hysterectomy	2	0.0	0.6	-----	0.0	1.2	-----	0.0	1.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LEHIGH VALLEY HOSPITAL CENTER

Medicare Provider Number: 390261

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.5 years
Proportion female	49.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.2 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	27.9 %
Admitted for emergency	56.6 %

COMORBIDITIES:	
Cancer	6.6 %
Chronic cardiovascular disease	43.8 %
Chronic liver disease	1.0 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	13.7 %
Cerebrovascular degeneration	2.9 %
Diabetes mellitus	12.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	57.8%
State	37.2%
Outside State	5.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1988

PROFILE:	
Total Beds	492
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.7383
STAFFING:	
Medical Residents/Interns	6
Registered Nurses	781
Licensed Practical Nurses	51

SPECIALTY SERVICES:	
Burn Unit	Yes
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

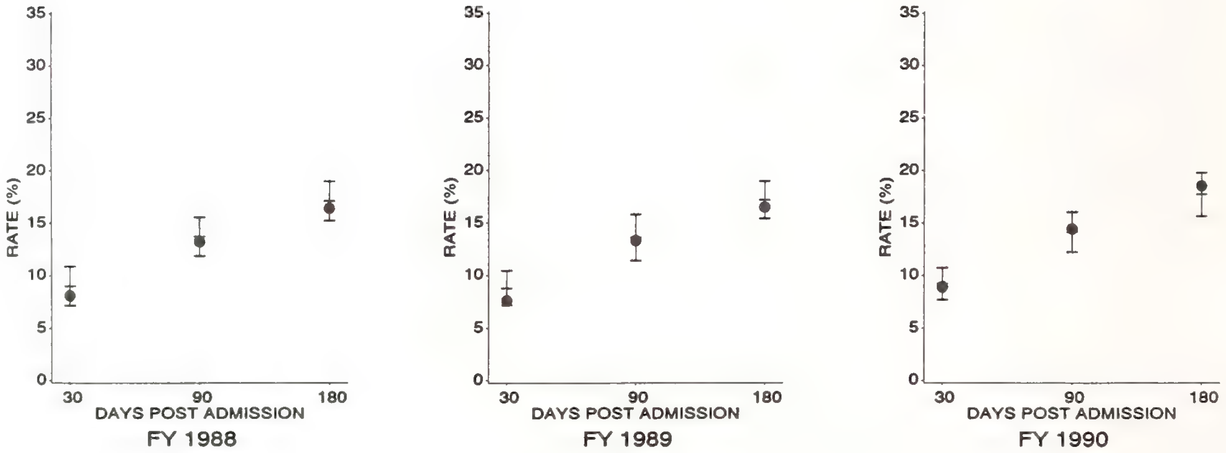
LEWISTON HOSPITAL
400 HIGHLAND AVENUE
LEWISTOWN, PA 17044
Medicare Provider Number: 390048

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2148	8.9	9.2	0.8	14.4	14.1	1.0	18.5	17.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	66	34.8	26.0	6.9	39.4	29.3	7.5	42.4	32.2	7.5
Congestive Heart Failure	120	16.7	14.3	3.6	24.2	22.9	5.0	25.8	29.4	4.9
Pneumonia/Influenza	142	11.3	14.5	4.4	18.3	20.0	5.4	22.5	23.9	4.2
Chronic Obstructive Pulmonary Disease	78	5.1	6.9	3.9	7.7	13.1	6.0	12.8	18.0	7.4
Transient Cerebral Ischemia	52	0.0	2.0	2.9	1.9	4.6	4.1	3.8	7.5	5.5
Stroke	62	27.4	21.0	6.8	32.3	26.9	6.5	38.7	30.5	7.2
Hip Fracture	52	3.8	6.4	6.4	5.8	11.3	8.1	9.6	14.7	7.4
Sepsis	32	21.9	23.8	-----	28.1	31.3	-----	31.3	35.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	2.5	-----	8.3	5.1	-----	8.3	7.6	-----
Carotid Endarterectomy	11	0.0	1.7	-----	27.3	3.0	-----	27.3	4.5	-----
Hip Replacement/Reconstruction	14	0.0	4.4	-----	0.0	7.8	-----	14.3	10.3	-----
Open Reduction of Hip Fracture	29	3.4	4.8	-----	3.4	9.0	-----	3.4	12.2	-----
Prostatectomy	50	2.0	1.1	-----	4.0	2.4	-----	4.0	4.0	-----
Cholecystectomy	64	1.6	2.4	2.4	4.7	4.3	3.3	6.3	5.6	3.2
Hysterectomy	8	0.0	0.9	-----	0.0	2.2	-----	0.0	3.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



LEWISTON HOSPITAL
Medicare Provider Number: 390048

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	57.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.8 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	9.4 %
Admitted for emergency	22.0 %

COMORBIDITIES:

Cancer	8.6 %
Chronic cardiovascular disease	34.3 %
Chronic liver disease	1.0 %
Chronic renal disease	3.2 %
Chronic pulmonary disease	16.6 %
Cerebrovascular degeneration	7.5 %
Diabetes mellitus	8.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	66.0%
State	33.0%
Outside State	1.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	213
Occupancy Rate	75.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.1484

STAFFING:

Total Number of Physicians	85
Percent of Physicians Board Certified Specialists	71.8 %
Medical Residents/Interns	7
Registered Nurses	155
Licensed Practical Nurses	79

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

LOCK HAVEN HOSPITAL

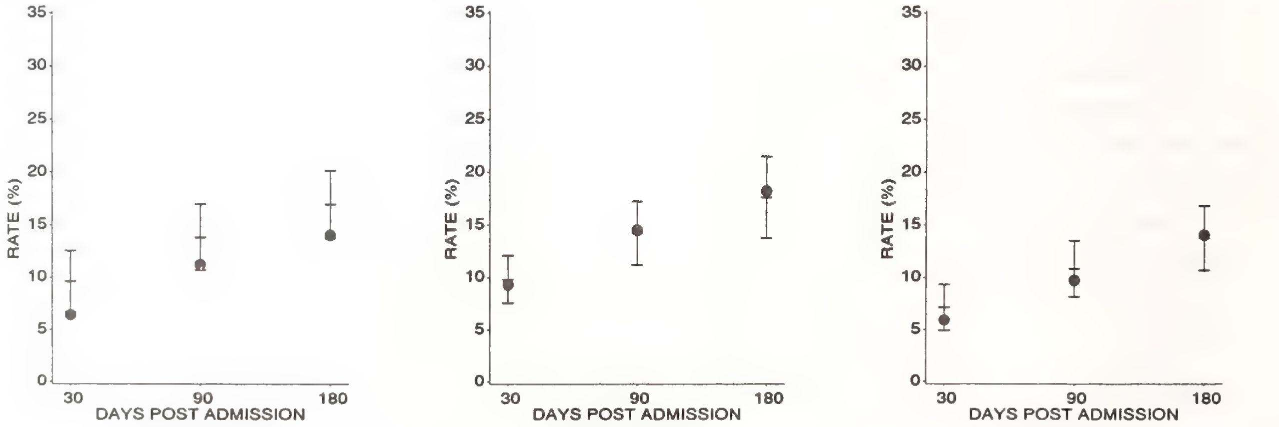
24 CREE DRIVE
LOCK HAVEN, PA 17745
Medicare Provider Number: 390071

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	759	5.9	7.1	1.1	9.7	10.8	1.3	14.0	13.7	1.5
CONDITIONS:										
Acute Myocardial Infarction	31	16.1	23.8	-----	22.6	27.6	-----	29.0	30.7	-----
Congestive Heart Failure	40	12.5	14.1	-----	20.0	22.4	-----	37.5	28.5	-----
Pneumonia/Influenza	20	10.0	11.6	-----	10.0	15.5	-----	20.0	18.7	-----
Chronic Obstructive Pulmonary Disease	22	4.5	8.1	-----	4.5	14.1	-----	4.5	18.6	-----
Transient Cerebral Ischemia	22	0.0	2.1	-----	4.5	5.0	-----	9.1	8.2	-----
Stroke	30	10.0	17.6	-----	16.7	23.3	-----	20.0	26.8	-----
Hip Fracture	25	4.0	5.6	-----	12.0	10.5	-----	16.0	14.1	-----
Sepsis	8	0.0	19.1	-----	25.0	24.4	-----	25.0	27.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	3.1	-----	0.0	6.2	-----	0.0	9.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	2.9	-----	10.0	5.9	-----	20.0	8.4	-----
Open Reduction of Hip Fracture	14	0.0	5.1	-----	14.3	9.5	-----	14.3	13.0	-----
Prostatectomy	22	0.0	0.9	-----	0.0	1.9	-----	0.0	3.3	-----
Cholecystectomy	18	5.6	2.7	-----	5.6	4.7	-----	11.1	6.1	-----
Hysterectomy	3	33.3	1.2	-----	33.3	2.5	-----	33.3	4.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

LOCK HAVEN HOSPITAL

Medicare Provider Number: 390071

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.0 years
Proportion female	56.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	32.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	11.3 %
Admitted for emergency	52.4 %

COMORBIDITIES:	
Cancer	4.1 %
Chronic cardiovascular disease	40.6 %
Chronic liver disease	0.4 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	18.8 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	84.0%
State	15.4%
Outside State	0.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:	
Total Beds	146
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.0946
STAFFING:	
Medical Residents/Interns	6
Registered Nurses	62
Licensed Practical Nurses	82

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

LOWER BUCKS HOSPITAL

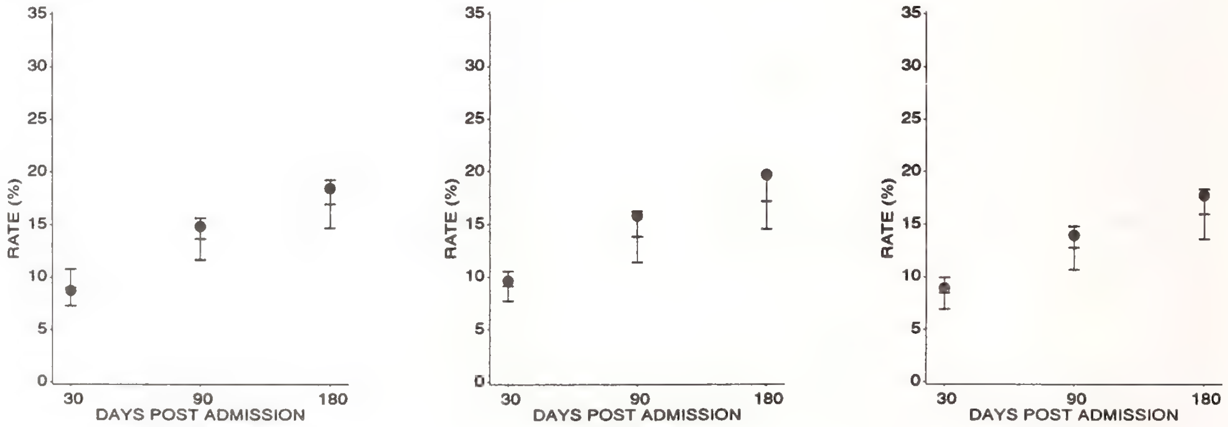
BATH RD & ORCHARD AVE
BRISTOL, PA 19007
Medicare Provider Number: 390070

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1985	8.9	8.4	0.8	13.9	12.7	1.0	17.7	15.9	1.2
CONDITIONS:										
Acute Myocardial Infarction	42	40.5	26.5	-----	40.5	29.3	-----	42.9	31.8	-----
Congestive Heart Failure	127	16.5	13.6	4.4	29.9	21.9	6.0	33.9	28.0	5.6
Pneumonia/Influenza	94	18.1	15.5	4.2	26.6	21.1	5.2	35.1	25.0	6.3
Chronic Obstructive Pulmonary Disease	51	9.8	6.0	4.4	17.6	10.8	7.9	21.6	14.6	10.5
Transient Cerebral Ischemia	50	4.0	1.7	-----	4.0	3.7	-----	6.0	5.9	-----
Stroke	84	21.4	19.0	4.8	29.8	25.7	6.2	32.1	29.3	6.4
Hip Fracture	38	2.6	7.8	-----	7.9	14.0	-----	13.2	18.0	-----
Sepsis	24	33.3	20.6	-----	45.8	26.4	-----	45.8	30.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	1.6	-----	0.0	3.5	-----	11.1	5.5	-----
Carotid Endarterectomy	9	0.0	1.4	-----	0.0	2.7	-----	0.0	3.9	-----
Hip Replacement/Reconstruction	23	0.0	3.2	-----	8.7	6.3	-----	13.0	8.6	-----
Open Reduction of Hip Fracture	12	8.3	7.8	-----	8.3	14.6	-----	16.7	19.1	-----
Prostatectomy	77	0.0	1.1	1.5	2.6	2.5	2.7	3.9	4.2	3.7
Cholecystectomy	28	0.0	3.1	-----	0.0	4.8	-----	3.6	5.7	-----
Hysterectomy	7	0.0	0.5	-----	0.0	1.0	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

LOWER BUCKS HOSPITAL

Medicare Provider Number: 390070

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.4 years
Proportion female	55.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.4 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	14.8 %
Admitted for emergency	82.9 %

COMORBIDITIES:

Cancer	6.5 %
Chronic cardiovascular disease	37.5 %
Chronic liver disease	1.6 %
Chronic renal disease	1.3 %
Chronic pulmonary disease	19.4 %
Cerebrovascular degeneration	3.0 %
Diabetes mellitus	11.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	89.7%
State	6.1%
Outside State	4.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	243
Occupancy Rate	70.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.3 %
Case Mix Index (CMI)	1.1973

STAFFING:

Total Number of Physicians	249
Percent of Physicians Board Certified Specialists	60.2 %
Medical Residents/Interns	0
Registered Nurses	180
Licensed Practical Nurses	71

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MAGEE-WOMENS HOSPITAL

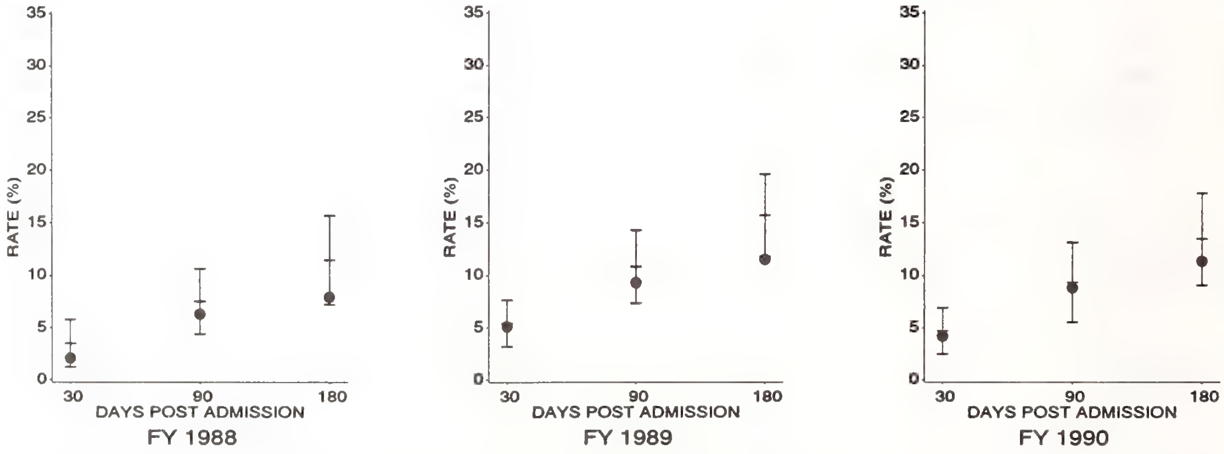
FORBES AVE & HALKET ST
PITTSBURGH, PA 15213
Medicare Provider Number: 390114

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	521	4.2	4.7	1.1	8.8	9.3	1.9	11.3	13.4	2.2
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	1	0.0	22.0	-----	0.0	34.4	-----	0.0	39.6	-----
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	1	0.0	0.7	-----	0.0	1.5	-----	0.0	2.3	-----
Cholecystectomy	4	0.0	2.8	-----	0.0	6.4	-----	0.0	9.5	-----
Hysterectomy	118	0.0	0.7	0.8	0.8	1.6	1.4	0.8	2.6	1.8

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MAGEE-WOMENS HOSPITAL

Medicare Provider Number: 390114

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	69.2 years
Proportion female	95.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	75.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	75.4 %
Admitted for emergency	10.7 %

COMORBIDITIES:

Cancer	38.6 %
Chronic cardiovascular disease	17.9 %
Chronic liver disease	0.6 %
Chronic renal disease	0.2 %
Chronic pulmonary disease	4.8 %
Cerebrovascular degeneration	1.0 %
Diabetes mellitus	2.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	57.3%
State	35.7%
Outside State	7.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

Total Beds	340
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.0099

STAFFING:

Medical Residents/Interns	26
Registered Nurses	413
Licensed Practical Nurses	79

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MCKEESPORT HOSPITAL

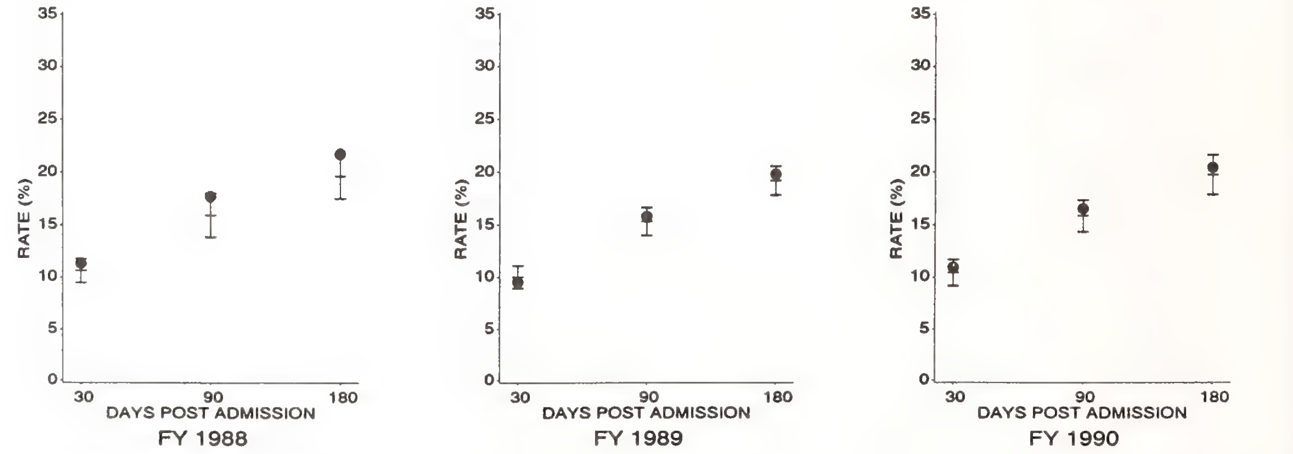
1500 FIFTH AVENUE
MCKEESPORT, PA 15132
Medicare Provider Number: 390002

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3479	10.9	10.4	0.6	16.5	15.8	0.8	20.4	19.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	137	23.4	28.3	4.6	27.7	31.0	4.2	31.4	33.7	4.2
Congestive Heart Failure	233	14.6	14.7	2.7	27.0	23.3	3.6	33.9	29.6	4.0
Pneumonia/Influenza	150	14.0	17.8	3.3	22.7	24.6	5.6	35.3	28.7	4.1
Chronic Obstructive Pulmonary Disease	64	3.1	8.2	5.2	10.9	14.3	5.3	14.1	19.1	7.1
Transient Cerebral Ischemia	87	3.4	1.9	2.0	3.4	4.4	4.5	6.9	7.1	5.6
Stroke	139	25.9	17.9	6.4	31.7	24.9	6.6	34.5	28.6	6.4
Hip Fracture	76	10.5	6.2	5.1	13.2	10.9	4.6	18.4	14.1	6.1
Sepsis	52	34.6	24.4	8.6	42.3	33.3	8.3	42.3	38.4	8.0
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	37	5.4	5.7	-----	8.1	9.4	-----	8.1	11.9	-----
Carotid Endarterectomy	12	0.0	1.5	-----	0.0	2.8	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	51	5.9	3.7	3.0	7.8	6.7	4.0	9.8	8.7	6.0
Open Reduction of Hip Fracture	36	8.3	5.0	-----	11.1	9.0	-----	16.7	12.0	-----
Prostatectomy	79	1.3	1.2	1.6	1.3	2.9	2.7	2.5	5.0	3.8
Cholecystectomy	75	4.0	3.5	2.4	4.0	6.8	3.6	4.0	9.3	4.8
Hysterectomy	33	0.0	1.8	-----	6.1	3.7	-----	6.1	5.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MCKEESPORT HOSPITAL

Medicare Provider Number: 390002

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.3 years
Proportion female	60.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	31.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	9.3 %
Admitted for emergency	82.7 %

COMORBIDITIES:

Cancer	9.3 %
Chronic cardiovascular disease	38.4 %
Chronic liver disease	0.8 %
Chronic renal disease	3.6 %
Chronic pulmonary disease	13.4 %
Cerebrovascular degeneration	5.1 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	93.6%
State	4.9%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	356
Occupancy Rate	75.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	54.8 %
Case Mix Index (CMI)	1.1987

STAFFING:

Total Number of Physicians	146
Percent of Physicians Board Certified Specialists	60.3 %
Medical Residents/Interns	43
Registered Nurses	276
Licensed Practical Nurses	13

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MEADVILLE MEDICAL CENTER

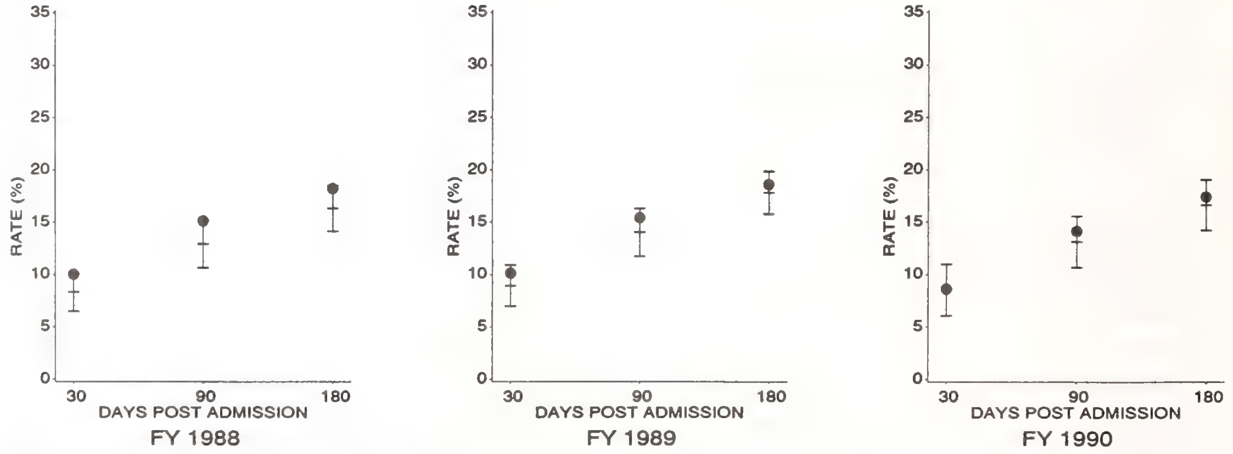
751 LIBERTY ST
MEADVILLE, PA 16335
Medicare Provider Number: 390113

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2105	8.6	8.5	1.2	14.1	13.1	1.2	17.4	16.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	69	24.6	28.8	6.6	27.5	32.2	7.5	29.0	35.0	7.6
Congestive Heart Failure	98	14.3	15.4	3.8	23.5	24.6	4.6	30.6	31.1	4.8
Pneumonia/Influenza	80	20.0	13.4	7.1	26.2	18.5	7.0	30.0	22.1	6.9
Chronic Obstructive Pulmonary Disease	34	11.8	6.6	-----	23.5	11.8	-----	23.5	15.5	-----
Transient Cerebral Ischemia	25	4.0	1.9	-----	4.0	4.2	-----	12.0	6.9	-----
Stroke	82	15.9	18.7	5.1	23.2	25.4	5.2	28.0	29.3	5.1
Hip Fracture	59	8.5	6.7	3.7	13.6	12.0	6.5	18.6	15.6	8.0
Sepsis	23	13.0	23.4	-----	30.4	33.0	-----	30.4	38.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	0.0	1.8	-----	5.6	3.8	-----	5.6	5.8	-----
Carotid Endarterectomy	13	0.0	1.5	-----	7.7	3.1	-----	7.7	4.9	-----
Hip Replacement/Reconstruction	27	0.0	4.0	-----	7.4	7.5	-----	11.1	10.1	-----
Open Reduction of Hip Fracture	36	8.3	6.3	-----	8.3	11.7	-----	13.9	15.5	-----
Prostatectomy	80	0.0	0.8	1.2	1.2	2.0	1.7	5.0	3.5	2.9
Cholecystectomy	41	2.4	2.5	-----	2.4	4.7	-----	2.4	6.2	-----
Hysterectomy	16	0.0	0.3	-----	0.0	0.7	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MEADVILLE MEDICAL CENTER

Medicare Provider Number: 390113

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.4 years
Proportion female	55.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	36.7 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	13.3 %
Admitted for emergency	7.7 %

COMORBIDITIES:	
Cancer	8.3 %
Chronic cardiovascular disease	39.6 %
Chronic liver disease	1.0 %
Chronic renal disease	3.8 %
Chronic pulmonary disease	19.4 %
Cerebrovascular degeneration	4.0 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	87.9%
State	9.0%
Outside State	3.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	320
Occupancy Rate	53.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.7 %
Case Mix Index (CMI)	1.2239
STAFFING:	
Total Number of Physicians	80
Percent of Physicians Board Certified Specialists	66.3 %
Medical Residents/Interns	0
Registered Nurses	176
Licensed Practical Nurses	93

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

MEDICAL CENTER

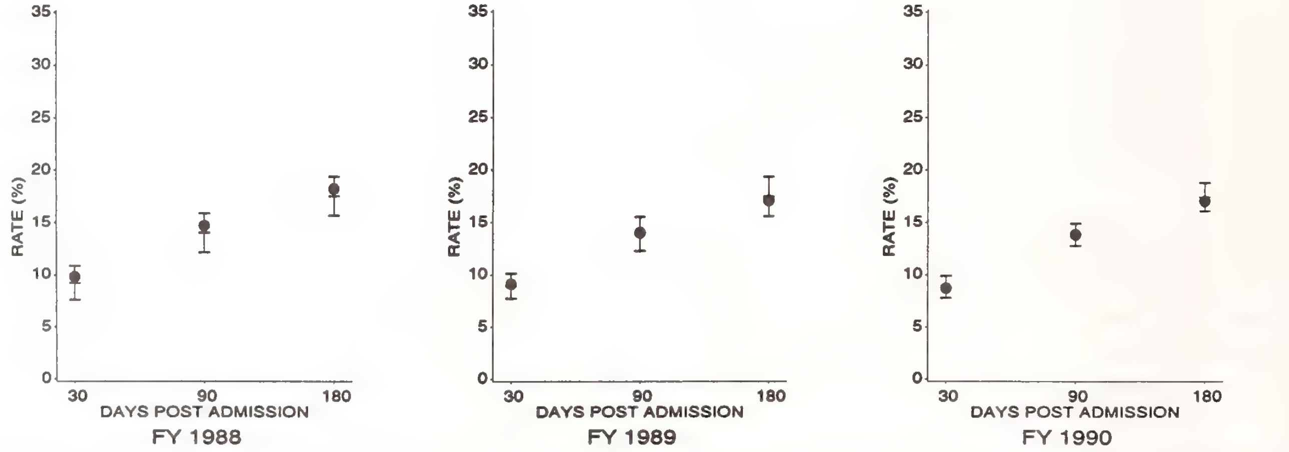
1000 DUTCH RIDGE RD
BEAVER, PA 15009
Medicare Provider Number: 390036

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	4151	8.7	8.8	0.5	13.8	13.8	0.5	17.0	17.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	127	20.5	23.3	5.2	24.4	26.3	5.4	29.1	29.0	5.7
Congestive Heart Failure	262	14.5	14.0	4.6	25.2	22.0	5.0	30.5	28.1	5.2
Pneumonia/Influenza	237	19.0	16.6	4.4	27.0	22.6	4.6	29.5	26.7	4.1
Chronic Obstructive Pulmonary Disease	61	9.8	9.0	5.5	16.4	15.5	7.8	23.0	20.2	10.6
Transient Cerebral Ischemia	83	1.2	2.5	2.2	3.6	5.2	2.8	6.0	8.1	3.5
Stroke	135	17.0	19.3	6.2	26.7	26.1	3.8	27.4	29.9	4.4
Hip Fracture	89	7.9	6.6	3.0	11.2	11.9	3.5	13.5	15.7	4.8
Sepsis	26	34.6	32.8	-----	53.8	40.0	-----	53.8	44.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	4.2	4.6	-----	8.3	8.6	-----	8.3	11.8	-----
Carotid Endarterectomy	13	7.7	1.9	-----	7.7	3.3	-----	7.7	4.7	-----
Hip Replacement/Reconstruction	70	5.7	3.2	3.0	7.1	6.4	3.0	8.6	9.1	3.5
Open Reduction of Hip Fracture	53	7.5	5.8	5.0	13.2	10.7	4.9	15.1	14.1	4.9
Prostatectomy	170	1.2	0.8	0.8	1.8	1.9	1.1	2.9	3.2	1.6
Cholecystectomy	94	4.3	2.3	2.4	6.4	4.4	2.8	6.4	6.2	2.5
Hysterectomy	31	0.0	0.2	-----	0.0	0.6	-----	0.0	1.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEDICAL CENTER

Medicare Provider Number: 390036

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.2 years
Proportion female	54.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	35.1 %
Transferred from skilled nursing facility	7.0 %
Admitted for elective procedure	16.9 %
Admitted for emergency	37.6 %

COMORBIDITIES:

Cancer	8.6 %
Chronic cardiovascular disease	43.5 %
Chronic liver disease	0.9 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	18.0 %
Cerebrovascular degeneration	5.1 %
Diabetes mellitus	11.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	90.4%
State	4.9%
Outside State	4.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	474
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	43.9 %
Case Mix Index (CMI)	1.2332

STAFFING:

Total Number of Physicians	182
Percent of Physicians Board Certified Specialists	76.4 %
Medical Residents/Interns	13
Registered Nurses	395
Licensed Practical Nurses	56

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

MEMORIAL HOSPITAL

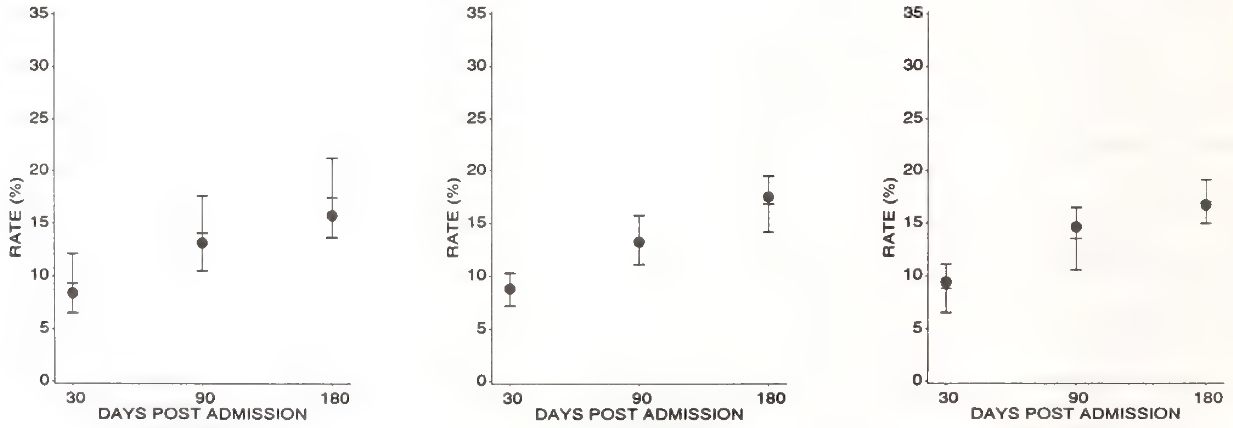
325 BELMONT ST
YORK, PA 17403
Medicare Provider Number: 390101

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1356	9.4	8.8	1.2	14.6	13.5	1.5	16.7	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	66	19.7	21.2	5.9	24.2	23.8	5.4	27.3	26.3	5.5
Congestive Heart Failure	78	15.4	13.4	4.7	20.5	21.5	4.7	23.1	27.3	5.9
Pneumonia/Influenza	41	4.9	12.4	-----	7.3	17.2	-----	7.3	20.8	-----
Chronic Obstructive Pulmonary Disease	23	8.7	8.5	-----	8.7	14.9	-----	13.0	19.8	-----
Transient Cerebral Ischemia	23	0.0	1.5	-----	0.0	3.7	-----	4.3	6.4	-----
Stroke	52	17.3	18.6	6.4	26.9	25.5	6.2	28.8	29.3	6.4
Hip Fracture	31	3.2	7.6	-----	9.7	13.4	-----	9.7	17.2	-----
Sepsis	15	40.0	28.7	-----	46.7	36.7	-----	53.3	42.5	-----
PROCEDURES:										
Angioplasty	1	0.0	0.9	-----	0.0	1.7	-----	0.0	2.6	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	0.0	3.5	-----	0.0	6.4	-----	0.0	8.7	-----
Carotid Endarterectomy	4	0.0	1.3	-----	0.0	2.3	-----	0.0	3.4	-----
Hip Replacement/Reconstruction	14	0.0	2.4	-----	0.0	4.5	-----	0.0	6.6	-----
Open Reduction of Hip Fracture	19	5.3	8.0	-----	15.8	14.8	-----	15.8	19.4	-----
Prostatectomy	51	0.0	1.2	1.9	2.0	2.9	2.7	2.0	4.8	3.8
Cholecystectomy	19	5.3	2.9	-----	10.5	5.6	-----	10.5	7.3	-----
Hysterectomy	10	0.0	0.3	-----	0.0	0.7	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MEMORIAL HOSPITAL
Medicare Provider Number: 390101

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.9 years
Proportion female	55.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	31.6 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	14.2 %
Admitted for emergency	1.1 %

COMORBIDITIES:	
Cancer	8.6 %
Chronic cardiovascular disease	38.8 %
Chronic liver disease	0.8 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	17.6 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	9.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	94.1%
State	3.2%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	150
Occupancy Rate	68.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	30.9 %
Case Mix Index (CMI)	1.1967
STAFFING:	
Total Number of Physicians	101
Percent of Physicians Board Certified Specialists	77.2 %
Medical Residents/Interns	34
Registered Nurses	131
Licensed Practical Nurses	84

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

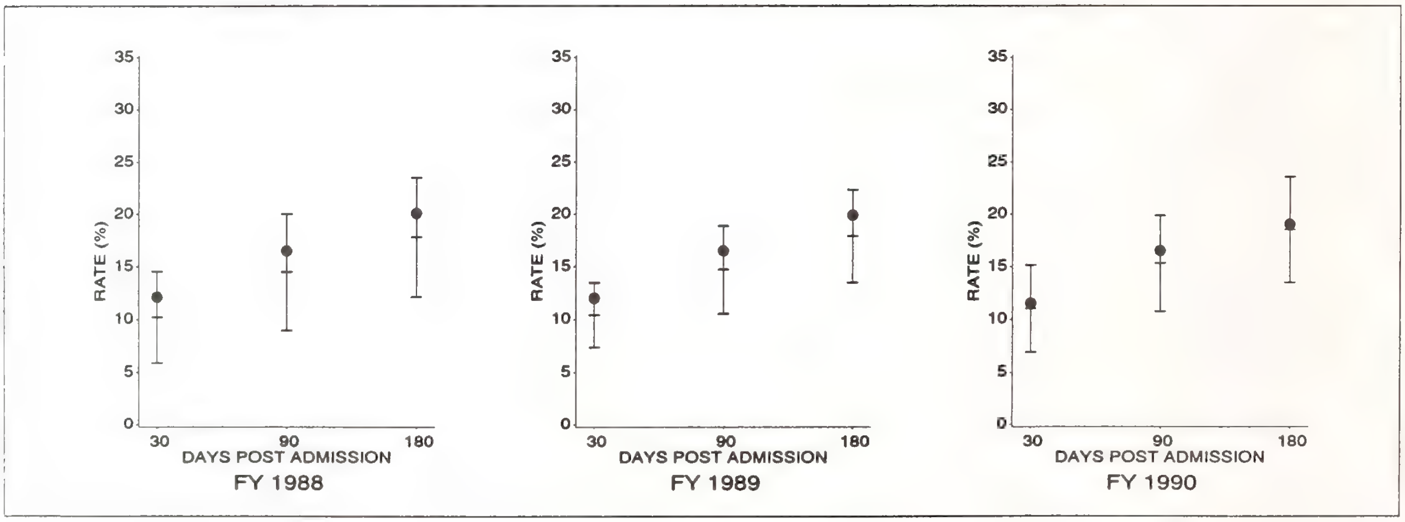
MEMORIAL HOSPITAL INC
ONE HOSPITAL DRIVE
TOWANDA, PA 18848
Medicare Provider Number: 390236

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	515	11.5	11.0	2.1	16.5	15.3	2.3	19.0	18.5	2.5
CONDITIONS:										
Acute Myocardial Infarction	30	16.7	29.4	-----	16.7	33.1	-----	20.0	37.0	-----
Congestive Heart Failure	35	14.3	13.6	-----	25.7	21.5	-----	31.4	27.4	-----
Pneumonia/Influenza	27	11.1	12.6	-----	29.6	16.9	-----	33.3	20.1	-----
Chronic Obstructive Pulmonary Disease	8	12.5	5.7	-----	12.5	9.8	-----	12.5	13.3	-----
Transient Cerebral Ischemia	11	0.0	1.4	-----	0.0	3.2	-----	0.0	5.5	-----
Stroke	22	36.4	16.8	-----	36.4	22.0	-----	36.4	25.5	-----
Hip Fracture	22	9.1	5.7	-----	13.6	10.4	-----	18.2	13.9	-----
Sepsis	4	25.0	24.8	-----	50.0	31.8	-----	50.0	35.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	33.3	3.9	-----	33.3	6.4	-----	44.4	8.2	-----
Open Reduction of Hip Fracture	17	5.9	4.2	-----	11.8	8.0	-----	11.8	10.8	-----
Prostatectomy	0									
Cholecystectomy	16	6.3	2.5	-----	12.5	4.9	-----	12.5	6.7	-----
Hysterectomy	4	0.0	1.0	-----	0.0	2.6	-----	0.0	4.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEMORIAL HOSPITAL INC
Medicare Provider Number: 390236

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.7 years
Proportion female	56.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.7 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	14.6 %
Admitted for emergency	1.0 %

COMORBIDITIES:	
Cancer	4.1 %
Chronic cardiovascular disease	31.7 %
Chronic liver disease	0.4 %
Chronic renal disease	1.0 %
Chronic pulmonary disease	10.9 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	3.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	81.5%
State	15.2%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	99
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	31.2 %
Case Mix Index (CMI)	1.1599
STAFFING:	
Total Number of Physicians	18
Percent of Physicians Board Certified Specialists	50.0 %
Medical Residents/Interns	0
Registered Nurses	73
Licensed Practical Nurses	6

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

MEMORIAL HOSPITAL OF BEDFORD COUNTY

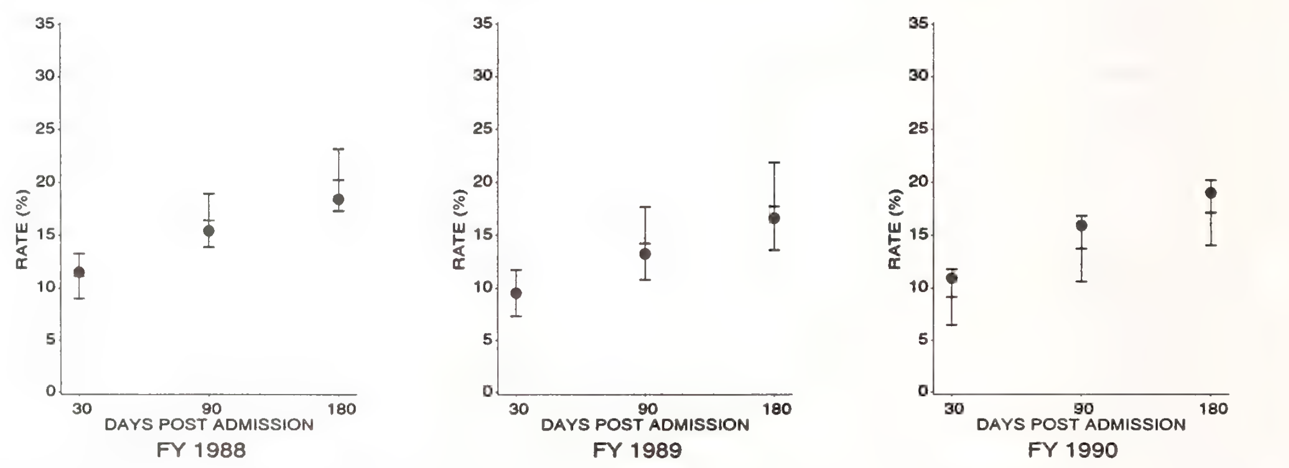
RD 1
EVERETT, PA 15537
Medicare Provider Number: 390117

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	822	10.9	9.1	1.3	15.9	13.7	1.6	19.0	17.1	1.5
CONDITIONS:										
Acute Myocardial Infarction	30	20.0	24.4	-----	23.3	27.8	-----	23.3	30.7	-----
Congestive Heart Failure	70	15.7	14.1	7.1	27.1	22.5	6.5	34.3	28.8	7.3
Pneumonia/Influenza	41	19.5	14.8	-----	26.8	20.0	-----	36.6	23.8	-----
Chronic Obstructive Pulmonary Disease	15	13.3	10.4	-----	26.7	17.7	-----	26.7	22.6	-----
Transient Cerebral Ischemia	30	0.0	1.6	-----	0.0	3.8	-----	3.3	6.1	-----
Stroke	40	25.0	16.9	-----	32.5	24.4	-----	37.5	28.1	-----
Hip Fracture	22	9.1	8.3	-----	9.1	13.4	-----	9.1	16.4	-----
Sepsis	4	25.0	17.9	-----	50.0	23.6	-----	50.0	26.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	3.9	-----	0.0	7.3	-----	0.0	10.0	-----
Open Reduction of Hip Fracture	13	15.4	9.1	-----	15.4	15.2	-----	15.4	18.4	-----
Prostatectomy	0									
Cholecystectomy	22	0.0	1.8	-----	0.0	3.1	-----	0.0	4.2	-----
Hysterectomy	5	0.0	1.8	-----	0.0	4.3	-----	0.0	6.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEMORIAL HOSPITAL OF BEDFORD COUNTY

Medicare Provider Number: 390117

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.7 years
Proportion female	60.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	32.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	7.3 %
Admitted for emergency	76.5 %

COMORBIDITIES:	
Cancer	5.4 %
Chronic cardiovascular disease	44.0 %
Chronic liver disease	1.7 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	17.0 %
Cerebrovascular degeneration	3.0 %
Diabetes mellitus	10.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	89.9%
State	7.5%
Outside State	2.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	95
Occupancy Rate	38.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.9 %
Case Mix Index (CMI)	1.0984
STAFFING:	
Total Number of Physicians	34
Percent of Physicians Board Certified Specialists	52.9 %
Medical Residents/Interns	2
Registered Nurses	74
Licensed Practical Nurses	30

** Except for CMI

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MERCY CATHOLIC MEDICAL CENTER

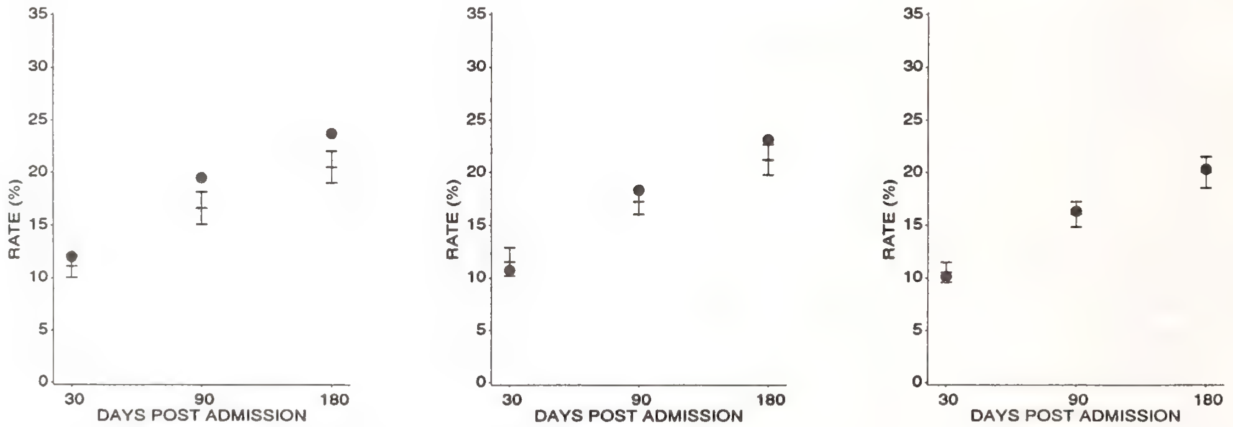
LANSDOWNE & BAILY RDS
DARBY, PA 19023
Medicare Provider Number: 390156

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	4239	10.1	10.5	0.5	16.3	16.0	0.6	20.3	20.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	113	28.3	24.0	5.7	33.6	27.2	5.9	34.5	29.7	5.5
Congestive Heart Failure	298	9.7	14.1	3.0	16.1	22.5	3.8	23.5	28.7	3.8
Pneumonia/Influenza	176	15.3	16.3	3.0	26.7	22.7	3.7	31.8	26.8	4.3
Chronic Obstructive Pulmonary Disease	78	10.3	10.0	3.4	17.9	17.8	4.5	24.4	23.3	6.9
Transient Cerebral Ischemia	68	1.5	1.5	1.8	2.9	3.5	3.8	7.4	5.7	4.7
Stroke	169	16.0	18.1	3.1	23.7	23.3	3.3	26.6	26.7	3.4
Hip Fracture	79	12.7	6.2	4.5	19.0	10.9	5.6	20.3	14.2	5.3
Sepsis	115	33.9	23.2	5.4	45.2	31.9	6.5	50.4	36.9	6.6
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	24	0.0	3.4	-----	4.2	7.2	-----	4.2	10.8	-----
Carotid Endarterectomy	13	0.0	1.3	-----	0.0	2.5	-----	0.0	3.8	-----
Hip Replacement/Reconstruction	28	14.3	4.7	-----	17.9	8.4	-----	17.9	11.0	-----
Open Reduction of Hip Fracture	53	9.4	5.4	4.2	13.2	10.0	5.3	15.1	13.4	5.2
Prostatectomy	208	1.9	1.5	0.9	4.3	3.5	1.5	5.8	5.8	2.3
Cholecystectomy	77	5.2	2.9	2.5	9.1	5.7	3.6	11.7	7.8	4.6
Hysterectomy	28	0.0	0.8	-----	3.6	1.6	-----	3.6	2.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

MERCY CATHOLIC MEDICAL CENTER

Medicare Provider Number: 390156

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.1 years
Proportion female	55.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	31.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	16.8 %
Admitted for emergency	46.2 %

COMORBIDITIES:

Cancer	9.3 %
Chronic cardiovascular disease	34.4 %
Chronic liver disease	1.3 %
Chronic renal disease	5.3 %
Chronic pulmonary disease	15.4 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	9.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	41.9%
State	55.4%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	575
Occupancy Rate	84.0 %
Ownership/Control	Church
Medicare Discharges	35.3 %
Case Mix Index (CMI)	1.3503

STAFFING:

Total Number of Physicians	311
Percent of Physicians Board Certified Specialists	73.6 %
Medical Residents/Interns	87
Registered Nurses	493
Licensed Practical Nurses	26

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MERCY HOSPITAL

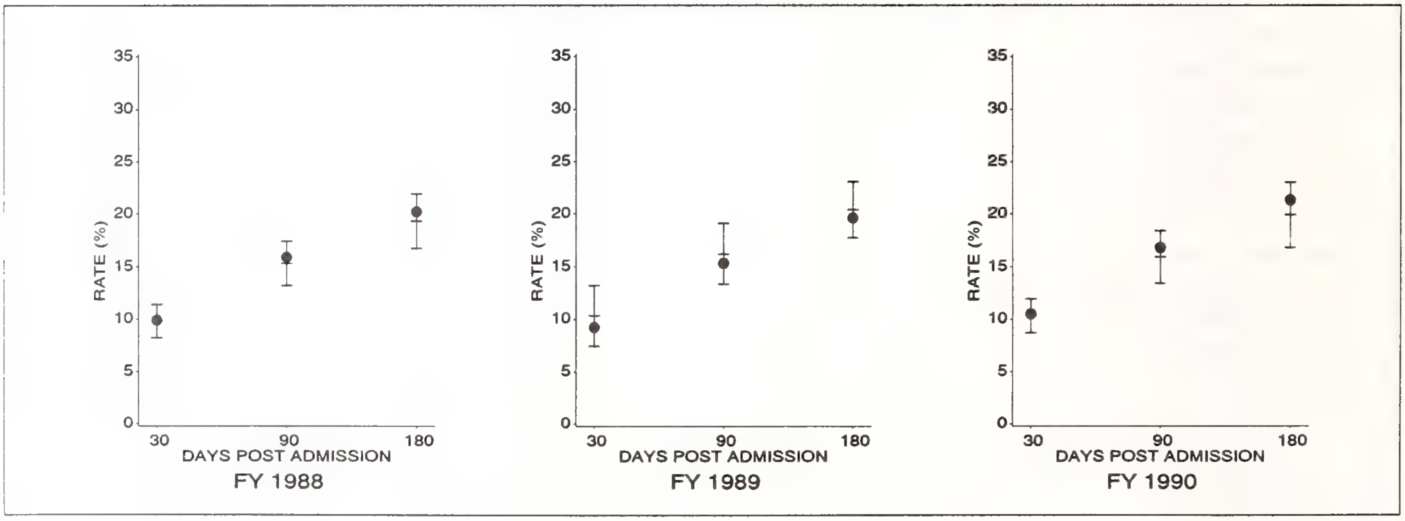
2500 SEVENTH AVE
ALTOONA, PA 16603
Medicare Provider Number: 390121

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1447	10.5	10.3	0.8	16.8	15.9	1.3	21.3	19.9	1.6
CONDITIONS:										
Acute Myocardial Infarction	45	28.9	30.7	-----	31.1	33.9	-----	31.1	36.5	-----
Congestive Heart Failure	87	23.0	14.0	5.2	28.7	22.2	5.6	39.1	28.2	6.5
Pneumonia/Influenza	75	16.0	15.4	4.2	21.3	20.9	5.1	28.0	24.8	6.1
Chronic Obstructive Pulmonary Disease	52	1.9	13.0	6.8	9.6	20.4	7.8	17.3	25.3	7.5
Transient Cerebral Ischemia	26	3.8	1.8	-----	3.8	4.0	-----	3.8	6.5	-----
Stroke	77	22.1	17.3	5.4	28.6	24.6	5.6	31.2	28.5	6.1
Hip Fracture	39	7.7	6.7	-----	10.3	11.9	-----	12.8	15.4	-----
Sepsis	17	23.5	23.2	-----	29.4	32.3	-----	35.3	37.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	2.6	-----	0.0	5.5	-----	0.0	8.4	-----
Carotid Endarterectomy	5	0.0	2.4	-----	0.0	4.2	-----	0.0	5.5	-----
Hip Replacement/Reconstruction	23	8.7	6.6	-----	17.4	13.2	-----	21.7	18.0	-----
Open Reduction of Hip Fracture	23	4.3	4.9	-----	4.3	8.4	-----	4.3	11.4	-----
Prostatectomy	45	2.2	1.0	-----	2.2	2.2	-----	4.4	3.9	-----
Cholecystectomy	36	5.6	2.5	-----	5.6	4.9	-----	8.3	6.7	-----
Hysterectomy	12	8.3	0.4	-----	8.3	0.9	-----	8.3	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MERCY HOSPITAL
Medicare Provider Number: 390121

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.7 years
Proportion female	56.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	35.3 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	11.8 %
Admitted for emergency	58.4 %

COMORBIDITIES:	
Cancer	11.4 %
Chronic cardiovascular disease	38.3 %
Chronic liver disease	0.7 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	21.5 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	75.7%
State	23.1%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	183
Occupancy Rate	71.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.7 %
Case Mix Index (CMI)	1.2325
STAFFING:	
Total Number of Physicians	95
Percent of Physicians Board Certified Specialists	63.2 %
Medical Residents/Interns	0
Registered Nurses	180
Licensed Practical Nurses	45

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MERCY HOSPITAL

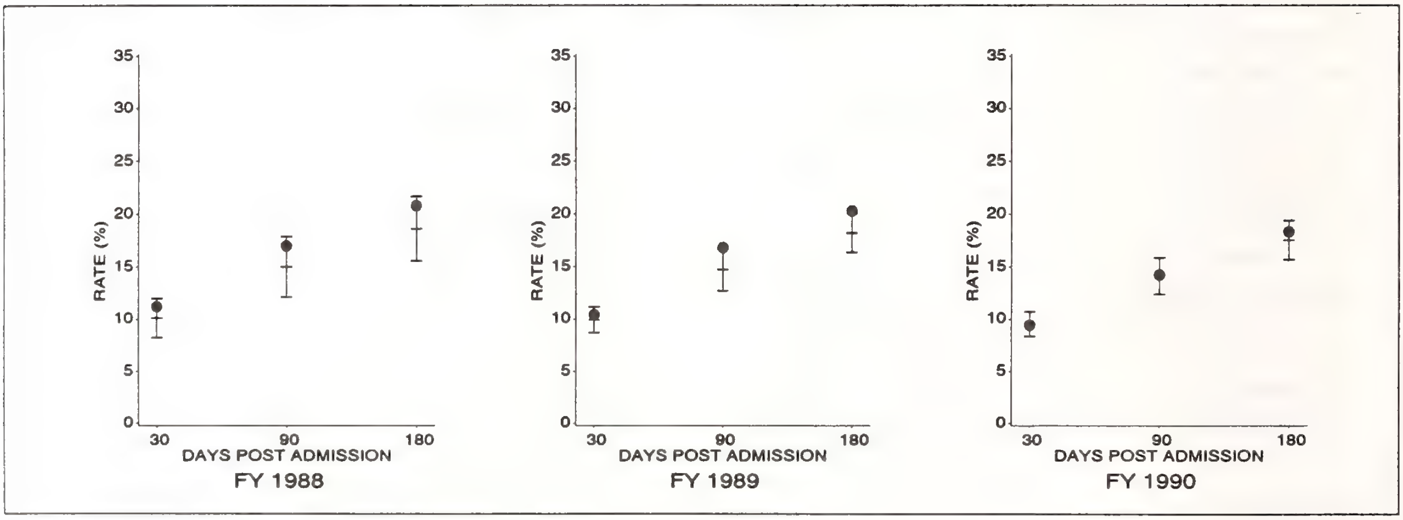
25 CHURCH ST, BOX 658
WILKES BARRE, PA 18765
Medicare Provider Number: 390169

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2663	9.4	9.5	0.6	14.2	14.1	0.9	18.3	17.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	85	32.9	26.2	5.8	40.0	29.3	7.3	43.5	32.1	7.6
Congestive Heart Failure	171	12.3	13.9	3.7	21.6	22.1	4.4	32.2	28.1	4.6
Pneumonia/Influenza	69	20.3	17.7	7.7	29.0	23.9	8.6	37.7	28.0	9.2
Chronic Obstructive Pulmonary Disease	53	3.8	8.8	5.0	9.4	15.4	6.3	22.6	20.3	7.1
Transient Cerebral Ischemia	91	2.2	1.6	1.4	4.4	3.6	2.3	6.6	5.7	3.9
Stroke	108	21.3	20.2	4.3	27.8	26.3	4.7	32.4	29.9	5.0
Hip Fracture	66	6.1	5.9	3.3	12.1	10.5	4.4	16.7	13.9	4.9
Sepsis	50	24.0	23.7	-----	28.0	31.0	-----	28.0	35.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	5.0	2.4	-----	5.0	4.9	-----	20.0	7.2	-----
Carotid Endarterectomy	6	16.7	1.1	-----	16.7	2.2	-----	16.7	3.5	-----
Hip Replacement/Reconstruction	35	5.7	3.8	-----	14.3	6.9	-----	17.1	9.4	-----
Open Reduction of Hip Fracture	38	2.6	5.6	-----	5.3	10.4	-----	10.5	14.0	-----
Prostatectomy	69	0.0	1.4	2.3	2.9	3.3	3.0	2.9	5.5	5.4
Cholecystectomy	51	2.0	2.6	3.0	2.0	4.6	4.5	2.0	5.9	5.2
Hysterectomy	15	6.7	0.8	-----	6.7	1.7	-----	6.7	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MERCY HOSPITAL
Medicare Provider Number: 390169

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.4 years
Proportion female	62.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	38.3 %
Transferred from skilled nursing facility	2.9 %
Admitted for elective procedure	10.5 %
Admitted for emergency	82.8 %

COMORBIDITIES:	
Cancer	7.4 %
Chronic cardiovascular disease	38.6 %
Chronic liver disease	0.4 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	19.0 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	96.4%
State	2.0%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

PROFILE:	
Total Beds	224
Occupancy Rate	75.0 %
Ownership/Control	Church
Medicare Discharges	47.7 %
Case Mix Index (CMI)	1.2387
STAFFING:	
Total Number of Physicians	138
Percent of Physicians Board Certified Specialists	63.0 %
Medical Residents/Interns	0
Registered Nurses	182
Licensed Practical Nurses	36

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

MERCY HOSPITAL

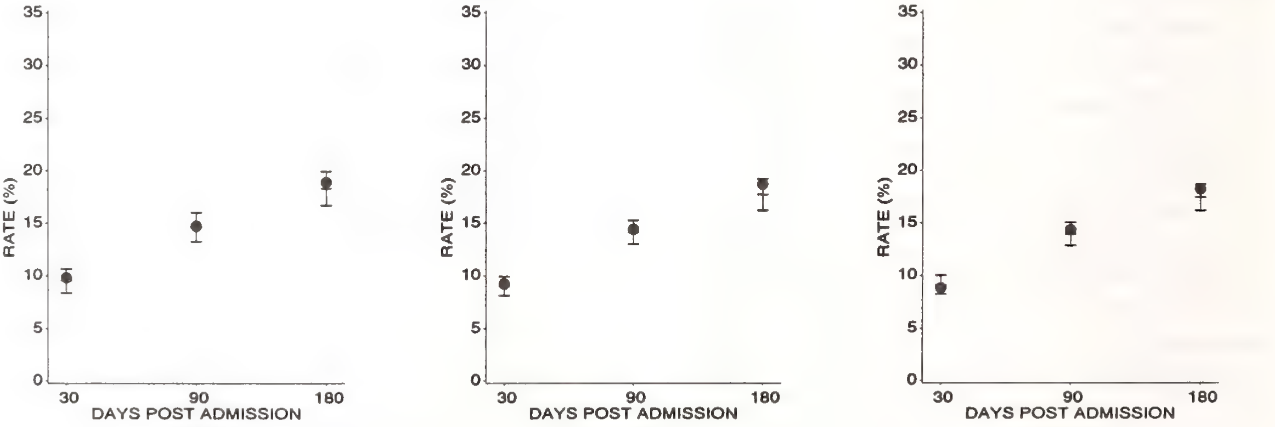
746 JEFFERSON AVE
SCRANTON, PA 18501
Medicare Provider Number: 390237

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	4162	8.8	9.1	0.5	14.3	13.9	0.6	18.2	17.4	0.6
CONDITIONS:										
Acute Myocardial Infarction	160	25.6	23.3	3.8	30.6	26.3	4.5	33.7	29.1	4.4
Congestive Heart Failure	214	11.2	13.9	3.2	21.0	22.2	3.8	29.0	28.1	4.0
Pneumonia/Influenza	160	13.7	14.8	2.9	24.4	20.4	3.7	28.7	24.3	4.2
Chronic Obstructive Pulmonary Disease	51	11.8	9.8	5.9	21.6	17.1	8.6	29.4	22.8	10.8
Transient Cerebral Ischemia	65	0.0	1.9	2.3	3.1	4.2	2.9	10.8	6.7	5.8
Stroke	177	12.4	19.4	4.9	20.9	25.5	4.3	25.4	29.2	4.1
Hip Fracture	76	7.9	6.1	3.2	11.8	10.8	3.9	14.5	14.3	4.0
Sepsis	43	18.6	23.2	-----	27.9	30.9	-----	34.9	35.7	-----
PROCEDURES:										
Angioplasty	85	1.2	2.4	2.2	2.4	3.2	2.1	3.5	4.1	2.2
Coronary Artery Bypass Graft	144	5.6	5.2	2.3	9.7	8.1	2.7	10.4	9.4	2.6
Initial Pacemaker Insertion	29	10.3	4.6	-----	10.3	7.5	-----	17.2	10.1	-----
Carotid Endarterectomy	15	6.7	2.0	-----	6.7	3.7	-----	6.7	5.2	-----
Hip Replacement/Reconstruction	53	1.9	2.2	2.0	5.7	4.3	3.1	5.7	6.0	3.3
Open Reduction of Hip Fracture	45	8.9	5.8	-----	8.9	10.2	-----	11.1	13.5	-----
Prostatectomy	91	1.1	1.3	1.2	2.2	3.0	1.9	3.3	5.0	3.0
Cholecystectomy	85	3.5	2.8	2.0	8.2	5.2	3.5	8.2	6.8	3.0
Hysterectomy	36	0.0	1.2	-----	0.0	2.9	-----	0.0	4.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MERCY HOSPITAL

Medicare Provider Number: 390237

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.7 years
Proportion female	56.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	36.7 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	21.0 %
Admitted for emergency	49.4 %

COMORBIDITIES:

Cancer	9.6 %
Chronic cardiovascular disease	41.6 %
Chronic liver disease	1.3 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	21.6 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	81.9%
State	16.2%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	11.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	365
Occupancy Rate	85.0 %
Ownership/Control	Church
Medicare Discharges	47.3 %
Case Mix Index (CMI)	1.4684

STAFFING:

Total Number of Physicians	151
Percent of Physicians Board Certified Specialists	84.8 %
Medical Residents/Interns	0
Registered Nurses	354
Licensed Practical Nurses	131

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MERCY HOSPITAL - PITTSBURGH

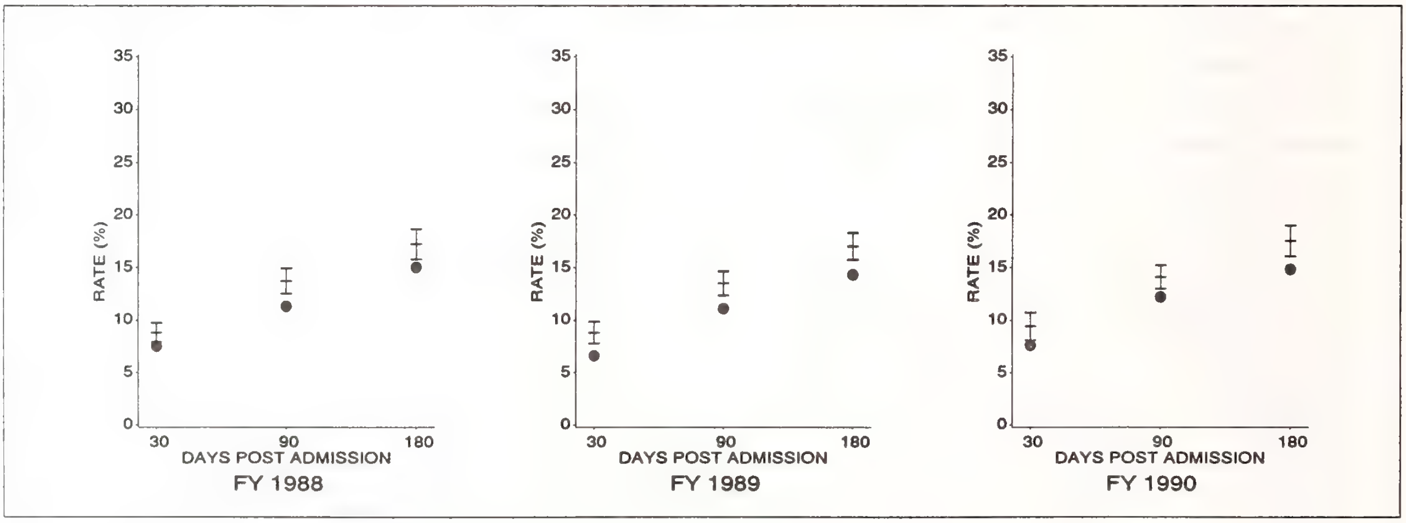
PRIDE & LOCUST STS
PITTSBURGH, PA 15219
Medicare Provider Number: 390028

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	4407	7.6	9.4	0.7	12.2	14.1	0.6	14.8	17.5	0.7
CONDITIONS:										
Acute Myocardial Infarction	147	17.7	24.9	5.7	22.4	27.9	5.2	22.4	30.6	6.2
Congestive Heart Failure	202	7.9	14.8	4.2	19.3	23.3	4.2	26.2	29.6	4.0
Pneumonia/Influenza	118	16.9	14.7	5.4	24.6	20.5	7.6	28.8	24.3	7.4
Chronic Obstructive Pulmonary Disease	47	4.3	10.3	-----	10.6	17.5	-----	14.9	22.5	-----
Transient Cerebral Ischemia	54	0.0	1.7	2.4	1.9	3.8	3.1	3.7	6.1	3.8
Stroke	141	22.0	24.3	4.0	29.1	31.1	4.2	31.9	34.9	5.0
Hip Fracture	57	3.5	6.5	4.2	10.5	11.2	4.2	12.3	14.5	5.7
Sepsis	17	29.4	28.5	-----	35.3	35.5	-----	47.1	40.1	-----
PROCEDURES:										
Angioplasty	132	1.5	3.6	2.5	1.5	4.6	2.8	1.5	5.6	3.3
Coronary Artery Bypass Graft	223	3.6	6.9	2.4	7.6	10.0	2.7	8.1	11.4	2.8
Initial Pacemaker Insertion	39	5.1	3.9	-----	15.4	7.3	-----	17.9	10.2	-----
Carotid Endarterectomy	16	0.0	2.4	-----	0.0	4.2	-----	0.0	5.7	-----
Hip Replacement/Reconstruction	53	1.9	3.1	2.6	7.5	5.5	3.6	7.5	7.1	4.9
Open Reduction of Hip Fracture	33	3.0	6.5	-----	6.1	11.5	-----	9.1	15.2	-----
Prostatectomy	53	0.0	1.2	1.7	0.0	2.7	2.9	0.0	4.4	4.1
Cholecystectomy	53	1.9	4.9	4.0	11.3	8.9	4.9	11.3	11.2	4.4
Hysterectomy	12	0.0	1.1	-----	0.0	2.6	-----	0.0	4.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MERCY HOSPITAL - PITTSBURGH

Medicare Provider Number: 390028

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.8 years
Proportion female	52.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.8 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	19.0 %
Admitted for emergency	56.0 %

COMORBIDITIES:

Cancer	9.0 %
Chronic cardiovascular disease	49.5 %
Chronic liver disease	1.0 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	14.5 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	72.2%
State	24.5%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	500
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.5 %
Case Mix Index (CMI)	1.6791

STAFFING:

Total Number of Physicians	307
Percent of Physicians Board Certified Specialists	87.0 %
Medical Residents/Interns	129
Registered Nurses	499
Licensed Practical Nurses	53

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MERCY HOSPITAL OF NANTICOKE

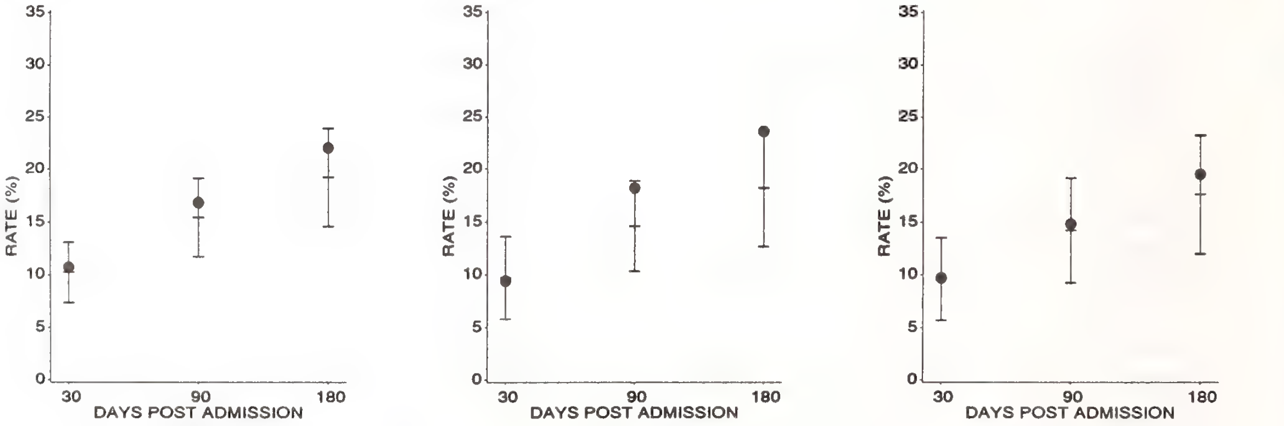
128 WEST WASHINGTON STREET
NANTICOKE, PA 18634
Medicare Provider Number: 390186

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	236	9.7	9.6	2.0	14.8	14.2	2.5	19.5	17.6	2.8
CONDITIONS:										
Acute Myocardial Infarction	8	62.5	28.8	-----	62.5	31.1	-----	62.5	33.4	-----
Congestive Heart Failure	14	28.6	15.1	-----	50.0	24.9	-----	57.1	31.1	-----
Pneumonia/Influenza	12	25.0	11.0	-----	25.0	14.8	-----	25.0	17.6	-----
Chronic Obstructive Pulmonary Disease	4	0.0	9.8	-----	0.0	14.9	-----	0.0	18.8	-----
Transient Cerebral Ischemia	3	0.0	1.1	-----	0.0	2.4	-----	0.0	3.7	-----
Stroke	10	10.0	22.0	-----	30.0	27.5	-----	30.0	30.6	-----
Hip Fracture	10	10.0	7.7	-----	20.0	12.9	-----	20.0	15.9	-----
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	3.3	-----	0.0	6.8	-----	0.0	9.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	25.0	8.1	-----	25.0	14.5	-----	25.0	17.9	-----
Open Reduction of Hip Fracture	3	0.0	7.6	-----	0.0	12.3	-----	0.0	15.2	-----
Prostatectomy	5	0.0	4.4	-----	0.0	7.8	-----	0.0	11.4	-----
Cholecystectomy	4	0.0	3.6	-----	0.0	6.7	-----	0.0	9.1	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.3	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MERCY HOSPITAL OF NANTICOKE
Medicare Provider Number: 390186

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.1 years
Proportion female	59.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	33.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	14.4 %
Admitted for emergency	72.0 %

COMORBIDITIES:	
Cancer	8.9 %
Chronic cardiovascular disease	36.4 %
Chronic liver disease	0.0 %
Chronic renal disease	2.5 %
Chronic pulmonary disease	23.7 %
Cerebrovascular degeneration	2.5 %
Diabetes mellitus	6.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	97.0%
State	1.6%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:	
Total Beds	94
Ownership/Control	State Government
Case Mix Index (CMI)	1.0733
STAFFING:	
Medical Residents/Interns	4
Registered Nurses	14
Licensed Practical Nurses	2

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	No
Organ Transplant	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

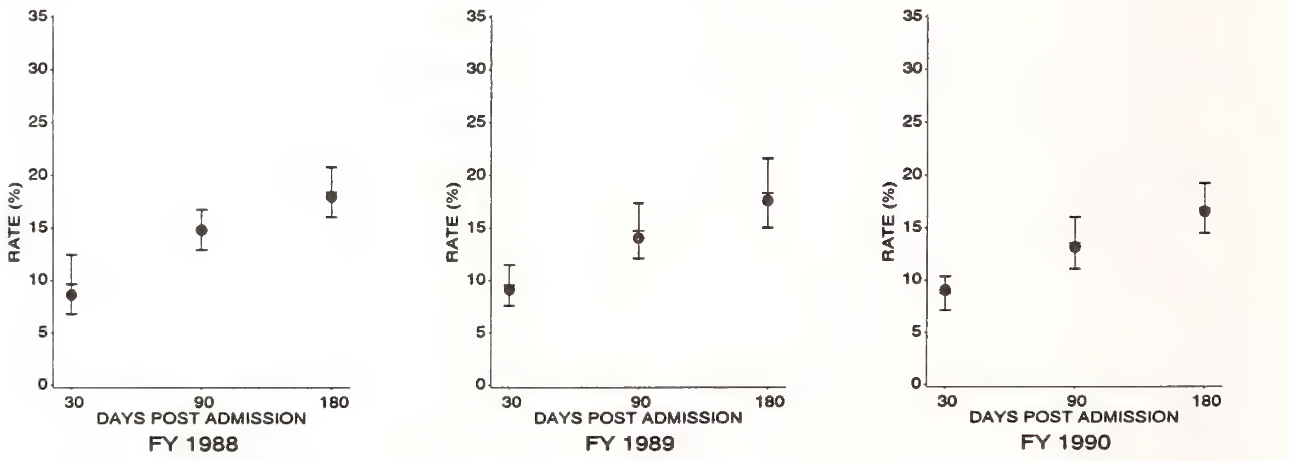
MERCY MEDICAL CENTER
1020 FRANKLIN ST
JOHNSTOWN, PA 15905
Medicare Provider Number: 390060

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1318	9.0	8.7	0.8	13.1	13.5	1.2	16.5	16.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	32	18.8	29.0	-----	21.9	31.3	-----	21.9	33.7	-----
Congestive Heart Failure	65	16.9	15.9	4.9	21.5	24.8	6.7	29.2	31.2	7.6
Pneumonia/Influenza	45	8.9	13.8	-----	15.6	19.3	-----	24.4	22.8	-----
Chronic Obstructive Pulmonary Disease	15	6.7	7.5	-----	6.7	13.4	-----	6.7	18.2	-----
Transient Cerebral Ischemia	40	2.5	1.9	-----	2.5	4.3	-----	2.5	6.8	-----
Stroke	45	13.3	20.7	-----	26.7	28.2	-----	35.6	32.3	-----
Hip Fracture	26	7.7	8.2	-----	11.5	14.3	-----	15.4	18.5	-----
Sepsis	16	18.8	21.3	-----	25.0	30.6	-----	37.5	36.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.2	-----	0.0	6.2	-----	12.5	9.3	-----
Carotid Endarterectomy	6	0.0	3.2	-----	0.0	6.0	-----	0.0	8.3	-----
Hip Replacement/Reconstruction	14	0.0	4.6	-----	0.0	8.2	-----	7.1	11.3	-----
Open Reduction of Hip Fracture	9	0.0	5.3	-----	0.0	11.0	-----	11.1	15.6	-----
Prostatectomy	24	4.2	1.5	-----	4.2	3.3	-----	8.3	5.5	-----
Cholecystectomy	24	0.0	1.4	-----	0.0	2.5	-----	0.0	3.5	-----
Hysterectomy	19	0.0	0.5	-----	5.3	1.1	-----	10.5	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MERCY MEDICAL CENTER

Medicare Provider Number: 390060

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	73.1 years	Cancer	6.8 %
Proportion female	60.2 %	Chronic cardiovascular disease	39.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.9 %
Referred by personal or HMO physician	26.5 %	Chronic renal disease	4.9 %
Transferred from skilled nursing facility	5.4 %	Chronic pulmonary disease	18.9 %
Admitted for elective procedure	11.0 %	Cerebrovascular degeneration	3.2 %
Admitted for emergency	55.5 %	Diabetes mellitus	7.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	81.3%	Hospital	8.2 Days
State	17.4%	State	9.2 Days
Outside State	1.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	240	Burn Unit	No
Occupancy Rate	66.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	43.1 %	Hospice Care	Yes
Case Mix Index (CMI)	1.1968	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	80	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	75.0 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	111	Alcohol/Drug	No
Licensed Practical Nurses	58	Rehabilitation	No
		Psychiatric	Yes
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

METHODIST HOSPITAL

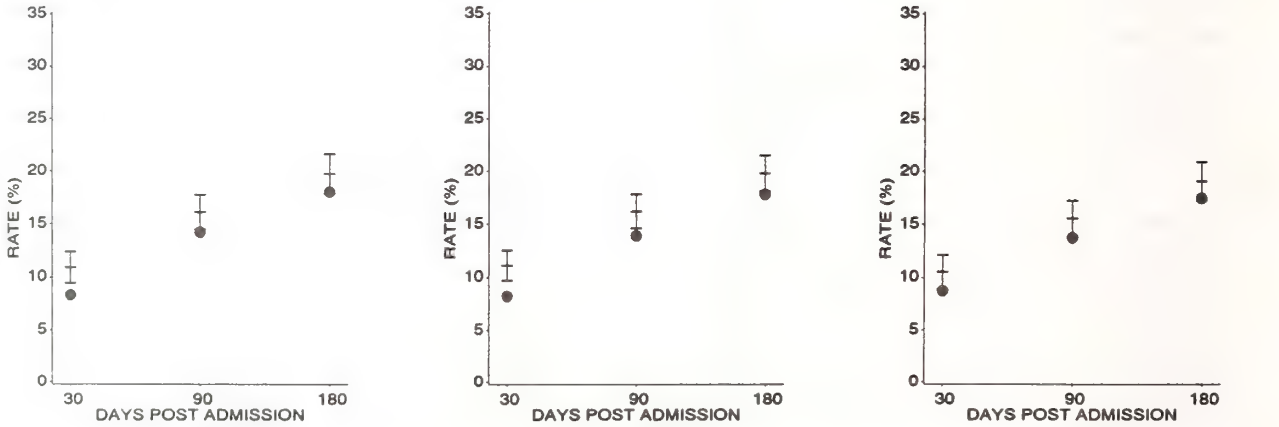
2301 S BROAD ST
PHILADELPHIA, PA 19148
Medicare Provider Number: 390205

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2326	8.7	10.5	0.8	13.7	15.5	0.9	17.4	19.0	0.9
CONDITIONS:										
Acute Myocardial Infarction	57	14.0	27.9	7.7	26.3	30.5	9.9	29.8	33.0	8.2
Congestive Heart Failure	157	10.8	15.3	5.0	18.5	24.2	6.8	22.9	30.3	7.7
Pneumonia/Influenza	110	15.5	17.2	5.9	20.9	23.4	4.7	25.5	27.4	4.6
Chronic Obstructive Pulmonary Disease	53	9.4	10.3	5.1	22.6	17.6	8.3	28.3	22.5	10.3
Transient Cerebral Ischemia	76	0.0	1.4	1.8	2.6	3.3	2.6	2.6	5.5	3.6
Stroke	96	24.0	19.1	6.9	29.2	24.9	6.9	30.2	28.4	5.9
Hip Fracture	49	4.1	5.8	-----	10.2	10.1	-----	14.3	13.0	-----
Sepsis	35	31.4	33.3	-----	37.1	40.6	-----	42.9	45.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	15.0	2.7	-----	15.0	5.6	-----	15.0	8.3	-----
Carotid Endarterectomy	10	0.0	1.7	-----	0.0	2.9	-----	0.0	4.2	-----
Hip Replacement/Reconstruction	22	4.5	3.2	-----	9.1	6.2	-----	9.1	8.4	-----
Open Reduction of Hip Fracture	31	3.2	6.4	-----	9.7	11.2	-----	16.1	14.5	-----
Prostatectomy	48	0.0	0.9	-----	0.0	2.0	-----	0.0	3.3	-----
Cholecystectomy	46	0.0	5.0	-----	10.9	8.6	-----	15.2	10.9	-----
Hysterectomy	8	0.0	0.8	-----	0.0	1.9	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

METHODIST HOSPITAL
Medicare Provider Number: 390205

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	56.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	9.6 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	9.5 %
Admitted for emergency	89.4 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	38.6 %
Chronic liver disease	1.7 %
Chronic renal disease	4.4 %
Chronic pulmonary disease	13.8 %
Cerebrovascular degeneration	2.0 %
Diabetes mellitus	8.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	93.2%
State	2.0%
Outside State	4.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	11.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	254
Occupancy Rate	78.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.6 %
Case Mix Index (CMI)	1.2307

STAFFING:

Total Number of Physicians	241
Percent of Physicians Board Certified Specialists	80.5 %
Medical Residents/Interns	0
Registered Nurses	281
Licensed Practical Nurses	85

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

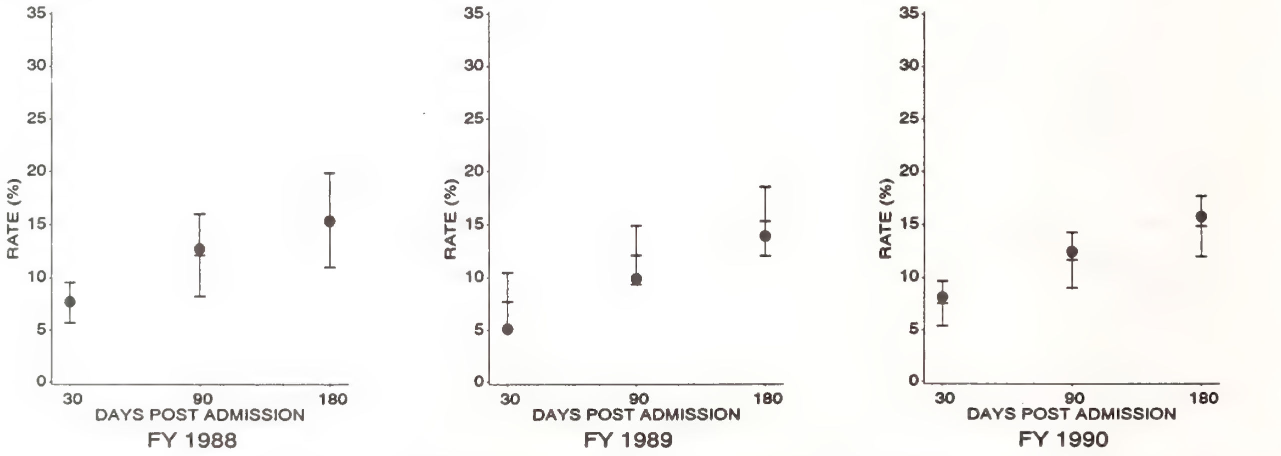
METRO HEALTH CENTER
252 ELEVENTH ST
ERIE, PA 16501
Medicare Provider Number: 390193

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	804	8.1	7.5	1.1	12.4	11.6	1.3	15.7	14.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	19	36.8	24.4	-----	36.8	27.1	-----	47.4	29.5	-----
Congestive Heart Failure	53	20.8	13.0	8.7	24.5	20.8	7.7	28.3	27.2	6.5
Pneumonia/Influenza	34	5.9	10.6	-----	11.8	14.2	-----	17.6	17.3	-----
Chronic Obstructive Pulmonary Disease	25	4.0	6.6	-----	4.0	11.6	-----	8.0	15.7	-----
Transient Cerebral Ischemia	14	7.1	1.2	-----	14.3	2.8	-----	14.3	4.7	-----
Stroke	15	20.0	18.5	-----	20.0	24.0	-----	20.0	27.7	-----
Hip Fracture	18	5.6	7.2	-----	16.7	12.4	-----	22.2	15.7	-----
Sepsis	10	30.0	23.6	-----	30.0	32.0	-----	30.0	36.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	11	18.2	5.3	-----	18.2	9.9	-----	27.3	13.7	-----
Carotid Endarterectomy	2	0.0	1.6	-----	0.0	2.9	-----	0.0	4.1	-----
Hip Replacement/Reconstruction	22	9.1	4.2	-----	13.6	7.6	-----	18.2	9.9	-----
Open Reduction of Hip Fracture	4	0.0	7.8	-----	25.0	12.6	-----	25.0	15.5	-----
Prostatectomy	10	0.0	1.3	-----	0.0	2.9	-----	0.0	4.7	-----
Cholecystectomy	21	9.5	3.5	-----	9.5	5.4	-----	9.5	6.5	-----
Hysterectomy	6	0.0	0.8	-----	0.0	2.0	-----	0.0	3.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



METRO HEALTH CENTER
Medicare Provider Number: 390193

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.1 years
Proportion female	58.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	42.3 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	13.6 %
Admitted for emergency	49.5 %

COMORBIDITIES:	
Cancer	5.2 %
Chronic cardiovascular disease	37.7 %
Chronic liver disease	1.1 %
Chronic renal disease	1.5 %
Chronic pulmonary disease	21.4 %
Cerebrovascular degeneration	3.0 %
Diabetes mellitus	15.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	94.8%
State	2.3%
Outside State	2.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	112
Occupancy Rate	50.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.8 %
Case Mix Index (CMI)	1.2393
STAFFING:	
Total Number of Physicians	79
Percent of Physicians Board Certified Specialists	63.3 %
Medical Residents/Interns	4
Registered Nurses	47
Licensed Practical Nurses	24

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

METROPOLITAN HOSPITAL

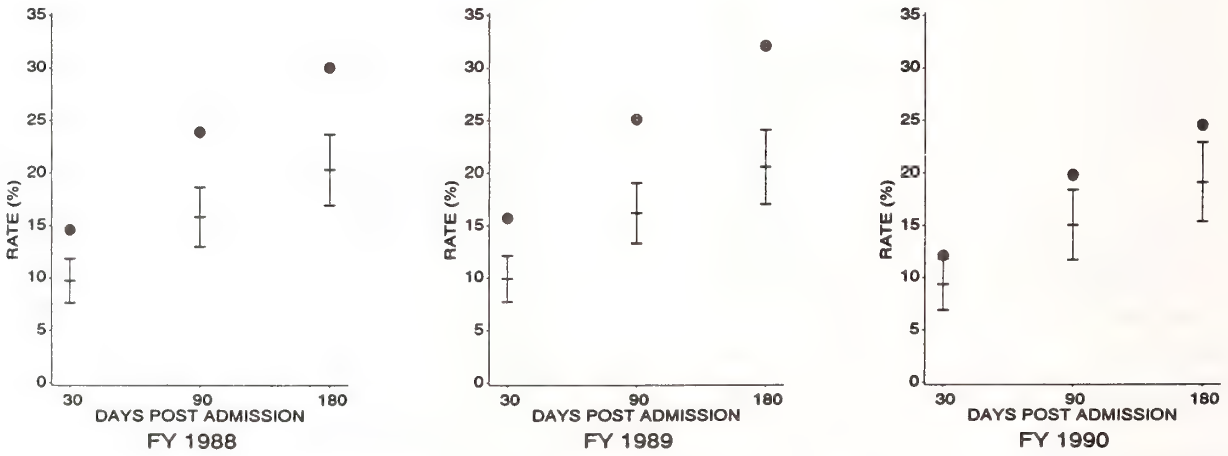
201 NORTH EIGHTH ST
PHILADELPHIA, PA 19106
Medicare Provider Number: 390059

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	815	12.1	9.3	1.2	19.8	15.0	1.7	24.5	19.1	1.9
CONDITIONS:										
Acute Myocardial Infarction	7	42.9	31.2	-----	42.9	33.7	-----	42.9	36.6	-----
Congestive Heart Failure	62	1.6	12.1	5.7	8.1	19.9	7.3	9.7	25.8	8.2
Pneumonia/Influenza	31	16.1	16.0	-----	22.6	22.3	-----	29.0	26.5	-----
Chronic Obstructive Pulmonary Disease	13	0.0	4.9	-----	7.7	9.2	-----	15.4	12.3	-----
Transient Cerebral Ischemia	12	8.3	1.1	-----	8.3	2.5	-----	8.3	4.3	-----
Stroke	21	42.9	18.1	-----	42.9	25.1	-----	42.9	29.1	-----
Hip Fracture	6	50.0	7.6	-----	50.0	13.3	-----	50.0	17.3	-----
Sepsis	8	37.5	21.8	-----	37.5	29.0	-----	62.5	33.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	1.9	-----	0.0	4.1	-----	0.0	6.0	-----
Open Reduction of Hip Fracture	3	33.3	8.9	-----	33.3	15.8	-----	33.3	20.4	-----
Prostatectomy	14	0.0	1.0	-----	0.0	2.3	-----	0.0	4.0	-----
Cholecystectomy	10	0.0	1.6	-----	0.0	2.9	-----	0.0	4.0	-----
Hysterectomy	5	0.0	0.3	-----	0.0	0.9	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



METROPOLITAN HOSPITAL

Medicare Provider Number: 390059

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.6 years
Proportion female	57.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	51.9 %
Transferred from skilled nursing facility	1.3 %
Admitted for elective procedure	38.9 %
Admitted for emergency	5.9 %

COMORBIDITIES:

Cancer	6.5 %
Chronic cardiovascular disease	30.3 %
Chronic liver disease	0.7 %
Chronic renal disease	9.2 %
Chronic pulmonary disease	14.2 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	19.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	93.1%
State	2.1%
Outside State	4.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	11.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	135
Occupancy Rate	68.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.3250

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

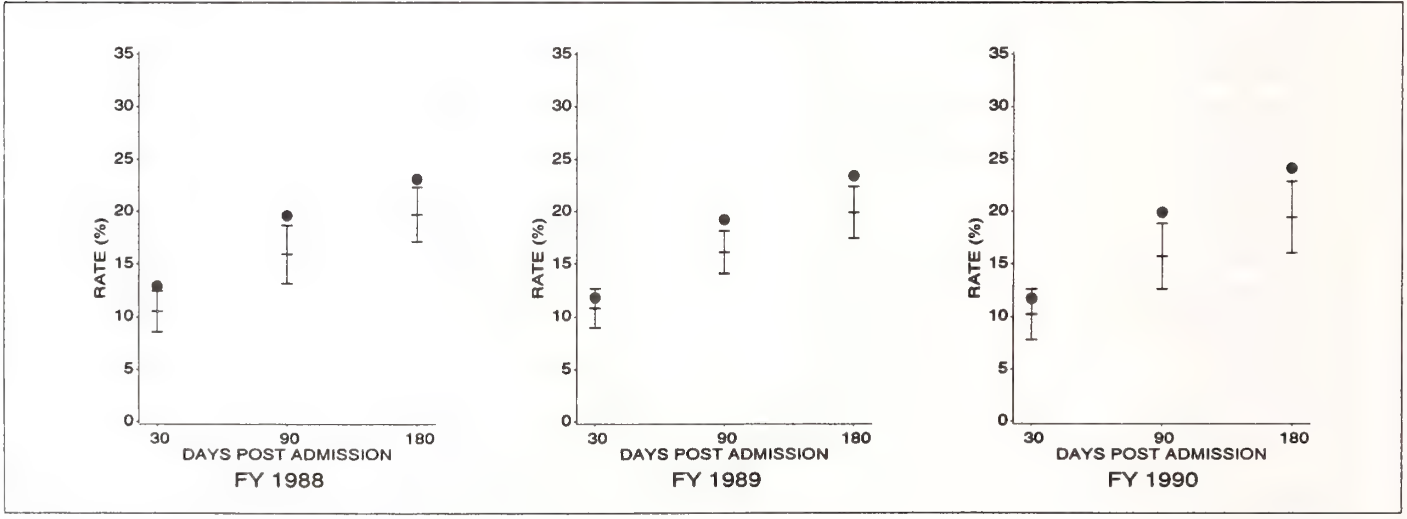
METROPOLITAN HOSPITAL-PARKVIEW
1331 E WYOMING AVE
PHILADELPHIA, PA 19124
Medicare Provider Number: 390234

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	984	11.7	10.2	1.2	19.9	15.7	1.6	24.1	19.4	1.7
CONDITIONS:										
Acute Myocardial Infarction	20	35.0	26.3	-----	40.0	29.4	-----	40.0	31.8	-----
Congestive Heart Failure	61	11.5	14.8	5.3	16.4	23.3	7.1	27.9	29.0	7.3
Pneumonia/Influenza	32	28.1	16.0	-----	31.3	22.4	-----	37.5	26.4	-----
Chronic Obstructive Pulmonary Disease	36	5.6	6.5	-----	13.9	11.4	-----	13.9	15.2	-----
Transient Cerebral Ischemia	19	10.5	1.8	-----	10.5	4.0	-----	10.5	6.3	-----
Stroke	58	19.0	21.3	5.6	34.5	27.5	6.5	39.7	30.7	7.1
Hip Fracture	13	7.7	5.5	-----	7.7	9.3	-----	7.7	11.7	-----
Sepsis	12	16.7	16.8	-----	41.7	24.6	-----	50.0	29.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	2.8	-----	0.0	5.3	-----	0.0	7.5	-----
Carotid Endarterectomy	3	0.0	0.9	-----	0.0	1.9	-----	0.0	2.9	-----
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	12	8.3	4.9	-----	8.3	8.6	-----	8.3	11.1	-----
Prostatectomy	26	0.0	0.9	-----	0.0	2.1	-----	0.0	3.6	-----
Cholecystectomy	11	9.1	7.6	-----	9.1	12.0	-----	9.1	14.1	-----
Hysterectomy	2	0.0	0.8	-----	0.0	1.5	-----	0.0	2.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



METROPOLITAN HOSPITAL-PARKVIEW

Medicare Provider Number: 390234

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.0 years
Proportion female	60.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	35.7 %
Transferred from skilled nursing facility	1.7 %
Admitted for elective procedure	20.4 %
Admitted for emergency	37.4 %

COMORBIDITIES:	
Cancer	7.6 %
Chronic cardiovascular disease	41.1 %
Chronic liver disease	1.1 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	22.2 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	11.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	94.2%
State	3.6%
Outside State	2.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	11.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1988

PROFILE:	
Total Beds	195
Ownership/Control	Private, For Profit
Case Mix Index (CMI)	1.2904
STAFFING:	
Medical Residents/Interns	2
Registered Nurses	140
Licensed Practical Nurses	20

SPECIALTY SERVICES:	
Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MEYERSDALE COMMUNITY HOSPITAL

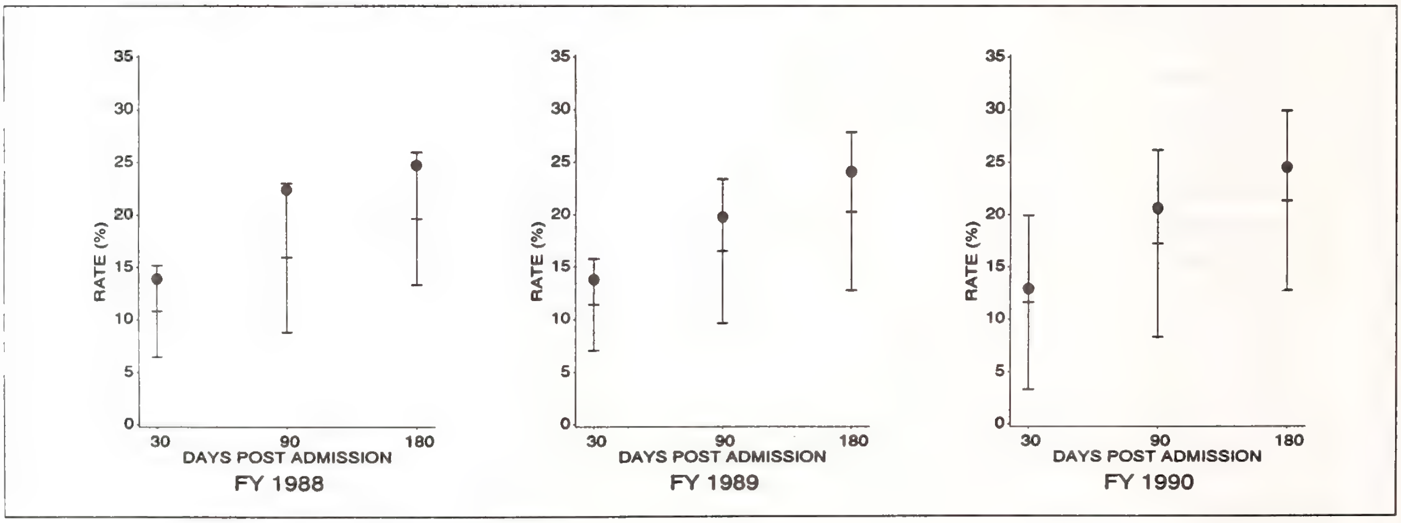
200 HOSPITAL DR
MEYERSDALE, PA 15552
Medicare Provider Number: 390015

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	286	12.9	11.6	4.2	20.6	17.2	4.5	24.5	21.3	4.3
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	29.3	-----	31.6	33.0	-----	31.6	36.4	-----
Congestive Heart Failure	34	17.6	14.1	-----	32.4	22.7	-----	44.1	28.8	-----
Pneumonia/Influenza	28	21.4	14.4	-----	25.0	20.2	-----	32.1	24.4	-----
Chronic Obstructive Pulmonary Disease	2	0.0	12.3	-----	50.0	19.5	-----	50.0	26.1	-----
Transient Cerebral Ischemia	3	0.0	2.4	-----	33.3	5.1	-----	33.3	7.9	-----
Stroke	8	0.0	18.1	-----	0.0	25.0	-----	0.0	29.3	-----
Hip Fracture	10	20.0	9.9	-----	40.0	17.3	-----	40.0	22.5	-----
Sepsis	2	0.0	20.0	-----	0.0	25.8	-----	0.0	30.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	8.1	-----	25.0	14.3	-----	25.0	19.1	-----
Open Reduction of Hip Fracture	3	33.3	9.9	-----	33.3	16.7	-----	33.3	20.9	-----
Prostatectomy	0									
Cholecystectomy	8	0.0	2.1	-----	0.0	3.5	-----	0.0	4.4	-----
Hysterectomy	1	0.0	0.0	-----	0.0	0.1	-----	0.0	0.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MEYERSDALE COMMUNITY HOSPITAL

Medicare Provider Number: 390015

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.9 years
Proportion female	59.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	77.6 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	4.5 %
Admitted for emergency	18.2 %

COMORBIDITIES:

Cancer	5.6 %
Chronic cardiovascular disease	54.5 %
Chronic liver disease	0.3 %
Chronic renal disease	6.3 %
Chronic pulmonary disease	14.0 %
Cerebrovascular degeneration	9.8 %
Diabetes mellitus	10.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.6%
State	4.3%
Outside State	15.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	43
Occupancy Rate	34.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	61.6 %
Case Mix Index (CMI)	1.1230

STAFFING:

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	85.7 %
Medical Residents/Interns	0
Registered Nurses	17
Licensed Practical Nurses	16

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

MID VALLEY HOSPITAL ASSOCIATION

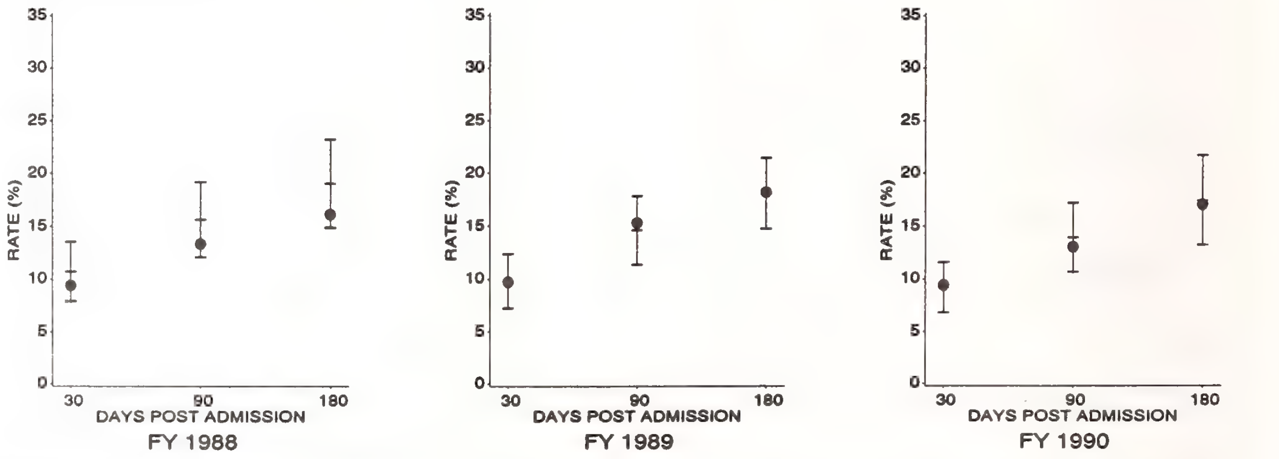
1400 MAIN ST
PECKVILLE, PA 18452
Medicare Provider Number: 390109

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	640	9.4	9.2	1.2	13.0	13.9	1.6	17.0	17.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	32	28.1	22.1	-----	31.3	24.5	-----	34.4	27.0	-----
Congestive Heart Failure	43	4.7	13.5	-----	11.6	21.5	-----	20.9	27.7	-----
Pneumonia/Influenza	28	10.7	14.0	-----	14.3	19.1	-----	14.3	22.7	-----
Chronic Obstructive Pulmonary Disease	3	0.0	4.2	-----	0.0	7.3	-----	0.0	10.4	-----
Transient Cerebral Ischemia	15	6.7	1.3	-----	6.7	3.1	-----	6.7	5.2	-----
Stroke	37	16.2	15.8	-----	27.0	22.1	-----	32.4	25.9	-----
Hip Fracture	18	11.1	5.1	-----	16.7	9.3	-----	16.7	12.3	-----
Sepsis	9	44.4	25.6	-----	44.4	36.7	-----	44.4	42.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.4	-----	0.0	2.9	-----	0.0	4.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	14.3	4.8	-----	14.3	8.3	-----	14.3	10.9	-----
Open Reduction of Hip Fracture	11	9.1	4.5	-----	18.2	8.8	-----	18.2	12.0	-----
Prostatectomy	22	4.5	0.8	-----	4.5	1.8	-----	9.1	3.2	-----
Cholecystectomy	20	0.0	2.9	-----	5.0	5.5	-----	5.0	7.4	-----
Hysterectomy	2	0.0	0.4	-----	0.0	0.9	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

MID VALLEY HOSPITAL ASSOCIATION
Medicare Provider Number: 390109

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.8 years
Proportion female	58.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	21.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	8.1 %
Admitted for emergency	39.2 %

COMORBIDITIES:	
Cancer	7.2 %
Chronic cardiovascular disease	40.3 %
Chronic liver disease	0.6 %
Chronic renal disease	0.6 %
Chronic pulmonary disease	13.0 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	10.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	97.6%
State	1.8%
Outside State	0.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	66
Occupancy Rate	45.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	49.0 %
Case Mix Index (CMI)	1.2210
STAFFING:	
Total Number of Physicians	45
Percent of Physicians Board Certified Specialists	46.7 %
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	23

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MILLCREEK COMMUNITY HOSPITAL

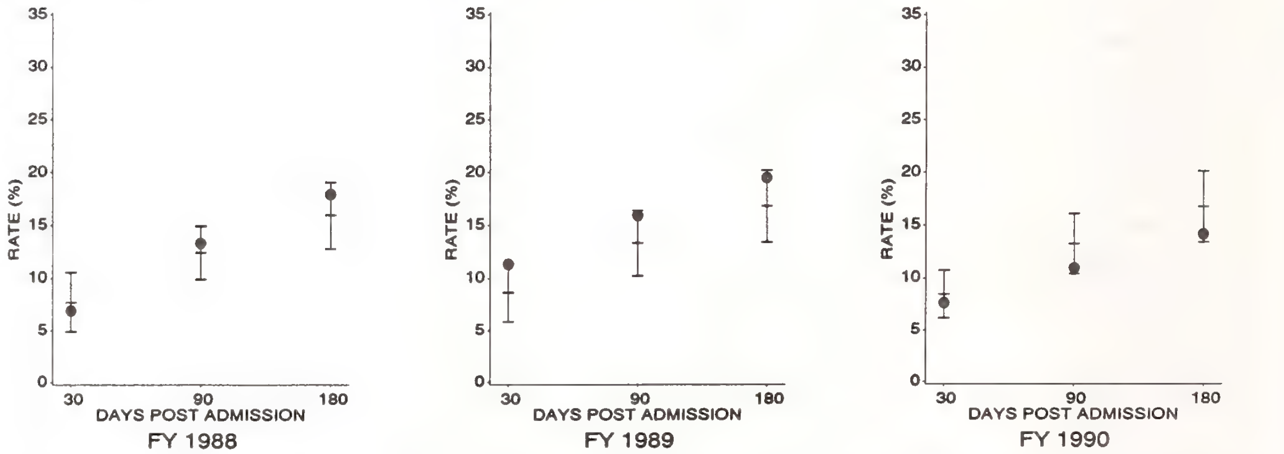
5515 PEACH ST
ERIE, PA 16509
Medicare Provider Number: 390198

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	722	7.6	8.4	1.1	10.9	13.2	1.4	14.1	16.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	12	33.3	25.5	-----	33.3	30.0	-----	33.3	33.2	-----
Congestive Heart Failure	34	11.8	14.5	-----	11.8	23.7	-----	23.5	30.5	-----
Pneumonia/Influenza	23	13.0	17.0	-----	21.7	22.9	-----	30.4	26.5	-----
Chronic Obstructive Pulmonary Disease	17	0.0	9.4	-----	5.9	15.6	-----	17.6	19.8	-----
Transient Cerebral Ischemia	12	0.0	1.7	-----	0.0	3.9	-----	0.0	6.5	-----
Stroke	18	11.1	16.0	-----	16.7	23.0	-----	16.7	27.0	-----
Hip Fracture	18	5.6	6.9	-----	16.7	12.7	-----	27.8	16.7	-----
Sepsis	8	25.0	26.2	-----	50.0	37.1	-----	62.5	44.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	4.5	-----	0.0	9.8	-----	0.0	14.8	-----
Carotid Endarterectomy	1	0.0	6.3	-----	0.0	15.5	-----	0.0	24.3	-----
Hip Replacement/Reconstruction	17	0.0	4.3	-----	5.9	8.5	-----	17.6	11.8	-----
Open Reduction of Hip Fracture	8	0.0	6.2	-----	12.5	11.4	-----	12.5	15.4	-----
Prostatectomy	27	0.0	1.0	-----	0.0	2.4	-----	0.0	4.1	-----
Cholecystectomy	13	7.7	1.9	-----	7.7	3.6	-----	7.7	5.1	-----
Hysterectomy	2	0.0	3.3	-----	0.0	7.3	-----	0.0	11.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

MILLCREEK COMMUNITY HOSPITAL
Medicare Provider Number: 390198

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.0 years
Proportion female	60.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	48.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	13.2 %
Admitted for emergency	51.8 %

COMORBIDITIES:

Cancer	7.1 %
Chronic cardiovascular disease	43.8 %
Chronic liver disease	1.2 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	22.3 %
Cerebrovascular degeneration	5.4 %
Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	90.5%
State	4.8%
Outside State	4.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	101
Occupancy Rate	44.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	39.1 %
Case Mix Index (CMI)	1.2195

STAFFING:

Total Number of Physicians	52
Percent of Physicians Board Certified Specialists	63.5 %
Medical Residents/Interns	14
Registered Nurses	49
Licensed Practical Nurses	17

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MINERS HOSPITAL OF NORTH CAMBRIA

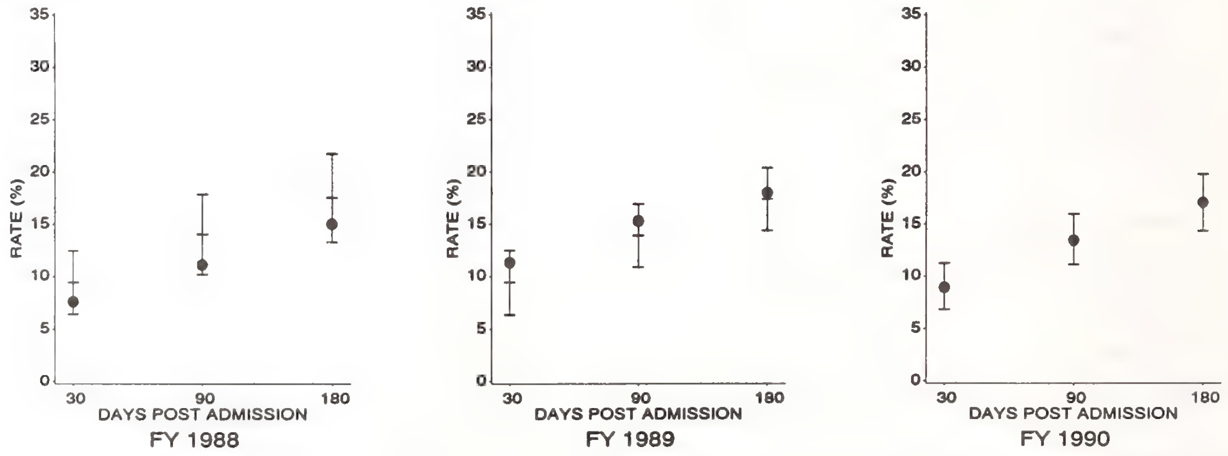
CRAWFORD & FIRST
SPANGLER, PA 15775
Medicare Provider Number: 390130

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	796	8.9	9.0	1.1	13.4	13.5	1.2	17.0	17.0	1.4
CONDITIONS:										
Acute Myocardial Infarction	37	18.9	21.9	-----	27.0	25.2	-----	32.4	28.0	-----
Congestive Heart Failure	32	18.8	15.5	-----	21.9	24.0	-----	34.4	30.3	-----
Pneumonia/Influenza	51	17.6	16.2	5.4	29.4	22.3	9.4	35.3	26.2	10.2
Chronic Obstructive Pulmonary Disease	17	5.9	14.5	-----	17.6	24.0	-----	29.4	29.8	-----
Transient Cerebral Ischemia	22	0.0	1.8	-----	0.0	4.0	-----	0.0	6.6	-----
Stroke	21	14.3	18.7	-----	14.3	24.6	-----	14.3	28.2	-----
Hip Fracture	12	8.3	6.4	-----	16.7	10.6	-----	16.7	13.6	-----
Sepsis	9	11.1	37.2	-----	11.1	42.9	-----	33.3	47.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	6.1	-----	0.0	12.3	-----	0.0	17.2	-----
Carotid Endarterectomy	6	0.0	1.7	-----	0.0	3.0	-----	0.0	4.4	-----
Hip Replacement/Reconstruction	3	0.0	6.6	-----	0.0	10.9	-----	0.0	14.7	-----
Open Reduction of Hip Fracture	7	14.3	4.9	-----	28.6	8.8	-----	28.6	11.3	-----
Prostatectomy	15	0.0	1.3	-----	0.0	3.1	-----	0.0	5.5	-----
Cholecystectomy	15	6.7	3.6	-----	13.3	7.1	-----	13.3	9.8	-----
Hysterectomy	1	0.0	2.5	-----	0.0	3.9	-----	0.0	5.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MINERS HOSPITAL OF NORTH CAMBRIA

Medicare Provider Number: 390130

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	56.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	22.6 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	3.3 %
Admitted for emergency	55.1 %

COMORBIDITIES:

Cancer	4.8 %
Chronic cardiovascular disease	43.4 %
Chronic liver disease	0.1 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	20.2 %
Cerebrovascular degeneration	4.4 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	74.8%
State	23.9%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	5.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	61
Occupancy Rate	59.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.0 %
Case Mix Index (CMI)	1.1160

STAFFING:

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	71.4 %
Medical Residents/Interns	0
Registered Nurses	55
Licensed Practical Nurses	17

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

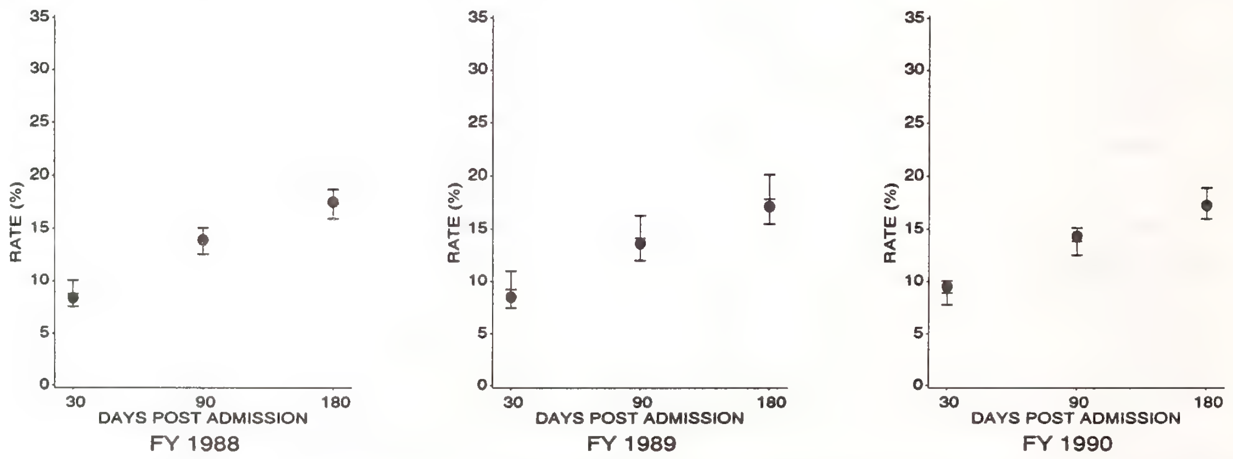
MONONGAHELA VALLEY HOSPITAL INC
COUNTRY CLUB RD RT 88
MONONGAHELA, PA 15063
Medicare Provider Number: 390147

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3247	9.5	8.9	0.6	14.3	13.8	0.7	17.2	17.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	121	26.4	22.3	5.8	31.4	25.6	7.0	32.2	28.3	8.0
Congestive Heart Failure	170	12.9	14.5	3.8	19.4	22.7	5.1	25.9	28.8	6.1
Pneumonia/Influenza	115	25.2	17.8	5.6	33.0	24.2	6.2	33.9	28.3	5.9
Chronic Obstructive Pulmonary Disease	59	6.8	7.7	3.6	16.9	13.5	6.3	16.9	17.9	6.1
Transient Cerebral Ischemia	72	0.0	1.6	2.0	2.8	3.8	2.5	2.8	6.4	4.1
Stroke	119	17.6	17.5	3.8	25.2	24.4	4.0	28.6	28.3	4.8
Hip Fracture	62	8.1	6.9	3.5	14.5	12.2	5.2	17.7	15.6	6.3
Sepsis	40	25.0	24.1	-----	32.5	33.2	-----	35.0	38.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	41	0.0	3.5	-----	4.9	6.6	-----	7.3	9.5	-----
Carotid Endarterectomy	11	0.0	1.4	-----	0.0	2.6	-----	9.1	3.9	-----
Hip Replacement/Reconstruction	33	0.0	3.7	-----	3.0	6.6	-----	6.1	8.8	-----
Open Reduction of Hip Fracture	39	12.8	5.8	-----	20.5	10.7	-----	23.1	14.0	-----
Prostatectomy	59	0.0	1.2	1.7	1.7	2.6	2.2	1.7	4.3	3.5
Cholecystectomy	66	3.0	3.4	2.7	9.1	6.3	4.0	10.6	8.4	4.5
Hysterectomy	19	0.0	1.1	-----	0.0	2.4	-----	0.0	3.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MONONGAHELA VALLEY HOSPITAL INC
Medicare Provider Number: 390147

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	57.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	35.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	9.7 %
Admitted for emergency	57.9 %

COMORBIDITIES:

Cancer	8.3 %
Chronic cardiovascular disease	37.0 %
Chronic liver disease	0.8 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	13.7 %
Cerebrovascular degeneration	4.2 %
Diabetes mellitus	8.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	58.0%
State	41.1%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	289
Occupancy Rate	85.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	52.6 %
Case Mix Index (CMI)	1.1968

STAFFING:

Total Number of Physicians	103
Percent of Physicians Board Certified Specialists	74.8 %
Medical Residents/Interns	0
Registered Nurses	256
Licensed Practical Nurses	50

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MONSOUR MEDICAL CENTER

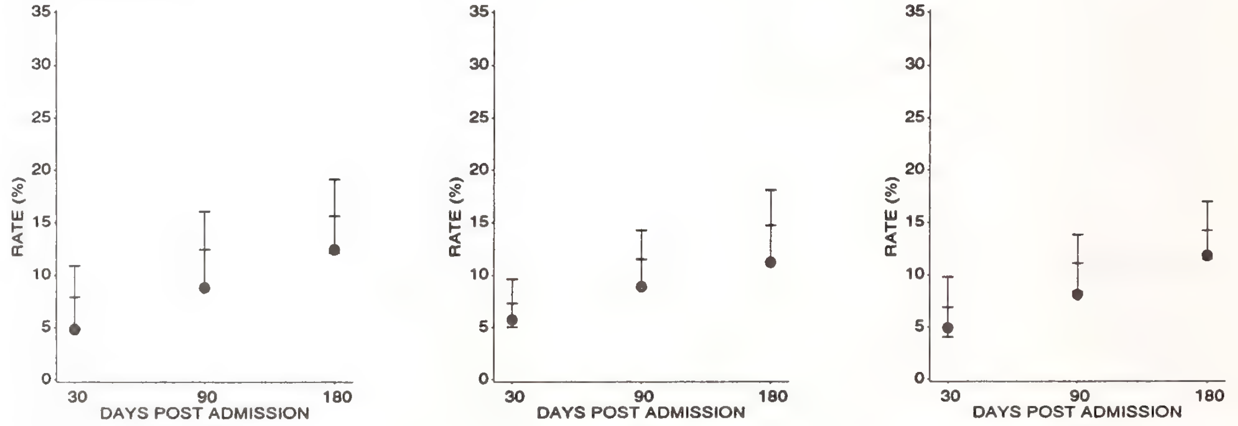
70 LINCOLN WAY E
JEANNETTE, PA 15644
Medicare Provider Number: 390103

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	863	4.9	6.9	1.4	8.1	11.1	1.4	11.8	14.2	1.4
CONDITIONS:										
Acute Myocardial Infarction	14	7.1	26.4	-----	21.4	28.5	-----	21.4	30.6	-----
Congestive Heart Failure	56	7.1	14.5	6.7	14.3	23.4	7.9	19.6	29.8	8.4
Pneumonia/Influenza	27	7.4	10.1	-----	14.8	13.9	-----	22.2	16.7	-----
Chronic Obstructive Pulmonary Disease	27	11.1	8.6	-----	11.1	15.3	-----	14.8	20.5	-----
Transient Cerebral Ischemia	23	0.0	1.6	-----	4.3	3.9	-----	8.7	6.6	-----
Stroke	16	12.5	17.6	-----	18.8	25.5	-----	37.5	29.7	-----
Hip Fracture	6	16.7	6.5	-----	33.3	11.2	-----	33.3	14.7	-----
Sepsis	5	20.0	30.4	-----	40.0	39.0	-----	60.0	43.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	1.4	-----	0.0	2.7	-----	0.0	4.2	-----
Carotid Endarterectomy	1	0.0	3.9	-----	0.0	7.3	-----	0.0	10.3	-----
Hip Replacement/Reconstruction	4	0.0	1.9	-----	0.0	3.4	-----	0.0	4.2	-----
Open Reduction of Hip Fracture	3	33.3	7.4	-----	33.3	13.1	-----	33.3	17.5	-----
Prostatectomy	12	0.0	2.4	-----	0.0	5.5	-----	8.3	8.9	-----
Cholecystectomy	13	7.7	2.0	-----	7.7	3.3	-----	7.7	4.2	-----
Hysterectomy	6	0.0	1.8	-----	0.0	4.3	-----	16.7	6.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MONSOUR MEDICAL CENTER
Medicare Provider Number: 390103

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	72.3 years	Cancer	6.5 %
Proportion female	57.0 %	Chronic cardiovascular disease	37.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	40.7 %	Chronic renal disease	2.9 %
Transferred from skilled nursing facility	0.1 %	Chronic pulmonary disease	14.9 %
Admitted for elective procedure	6.8 %	Cerebrovascular degeneration	3.0 %
Admitted for emergency	28.6 %	Diabetes mellitus	7.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	87.6%	Hospital	10.1 Days
State	11.4%	State	9.2 Days
Outside State	1.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	230	Burn Unit	No
Occupancy Rate	42.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	33.9 %	Hospice Care	No
Case Mix Index (CMI)	1.0633	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	89	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	47.2 %	Trauma Center	No
Medical Residents/Interns	8	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	137	Alcohol/Drug	Yes
Licensed Practical Nurses	32	Rehabilitation	No
		Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MONTEFIORE HOSPITAL

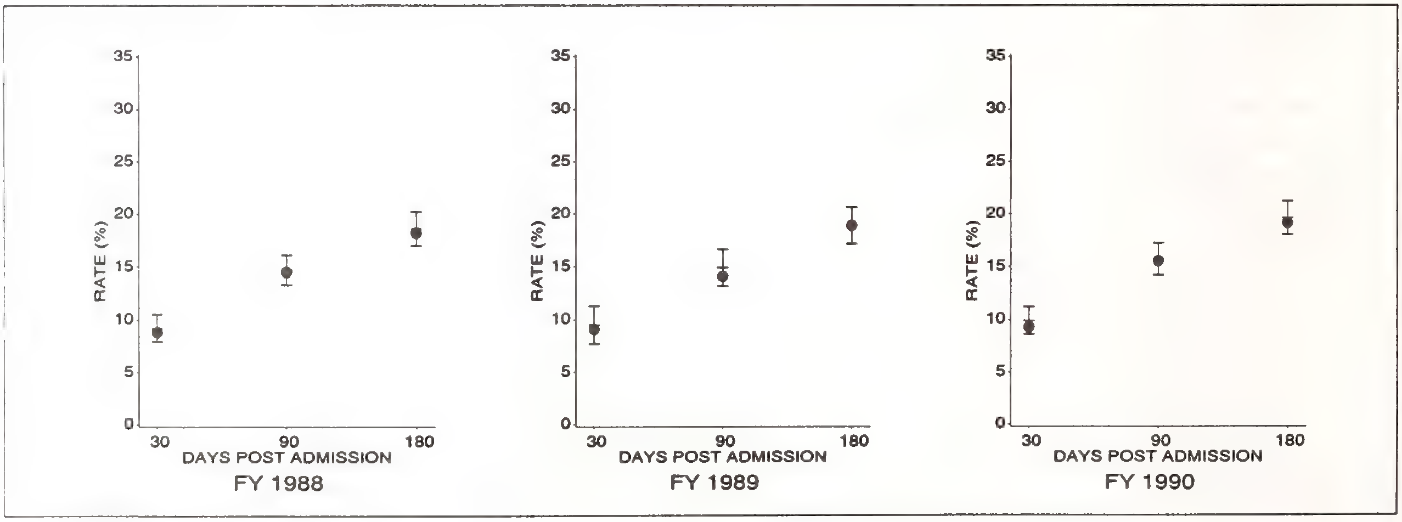
3459 FIFTH AVE
PITTSBURGH, PA 15213
Medicare Provider Number: 390229

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2793	9.3	9.9	0.7	15.5	15.7	0.8	19.1	19.6	0.8
CONDITIONS:										
Acute Myocardial Infarction	105	20.0	23.3	4.5	25.7	27.0	4.7	30.5	30.2	4.5
Congestive Heart Failure	136	13.2	16.0	4.2	21.3	25.2	5.3	28.7	31.7	5.0
Pneumonia/Influenza	74	18.9	15.0	5.5	20.3	20.6	6.2	28.4	24.1	6.8
Chronic Obstructive Pulmonary Disease	39	10.3	9.4	-----	17.9	16.2	-----	23.1	21.3	-----
Transient Cerebral Ischemia	31	0.0	2.0	-----	0.0	4.4	-----	3.2	7.0	-----
Stroke	79	10.1	20.8	7.3	19.0	27.2	8.3	20.3	30.7	7.9
Hip Fracture	38	7.9	8.6	-----	18.4	15.2	-----	21.1	19.8	-----
Sepsis	58	34.5	24.1	9.6	48.3	34.0	11.2	55.2	39.7	11.5
PROCEDURES:										
Angioplasty	4	0.0	0.9	-----	0.0	1.5	-----	0.0	2.1	-----
Coronary Artery Bypass Graft	56	8.9	8.1	4.8	16.1	11.7	6.4	19.6	13.1	7.1
Initial Pacemaker Insertion	14	7.1	3.7	-----	7.1	6.9	-----	7.1	9.6	-----
Carotid Endarterectomy	5	0.0	1.1	-----	0.0	1.9	-----	0.0	2.8	-----
Hip Replacement/Reconstruction	36	8.3	3.7	-----	22.2	6.7	-----	22.2	8.9	-----
Open Reduction of Hip Fracture	18	5.6	7.8	-----	5.6	13.6	-----	11.1	17.6	-----
Prostatectomy	71	1.4	1.3	1.3	4.2	2.8	2.3	7.0	4.6	3.3
Cholecystectomy	39	2.6	1.9	-----	2.6	3.2	-----	2.6	4.1	-----
Hysterectomy	3	0.0	2.0	-----	0.0	5.2	-----	33.3	8.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

MONTEFIORE HOSPITAL

Medicare Provider Number: 390229

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	57.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.8 %
Transferred from skilled nursing facility	4.0 %
Admitted for elective procedure	20.3 %
Admitted for emergency	19.5 %

COMORBIDITIES:

Cancer	9.8 %
Chronic cardiovascular disease	36.1 %
Chronic liver disease	0.8 %
Chronic renal disease	5.4 %
Chronic pulmonary disease	11.7 %
Cerebrovascular degeneration	4.7 %
Diabetes mellitus	10.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	86.5%
State	10.8%
Outside State	2.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	600
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.3862

STAFFING:

Medical Residents/Interns	0
Registered Nurses	447
Licensed Practical Nurses	70

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MONTGOMERY HOSPITAL

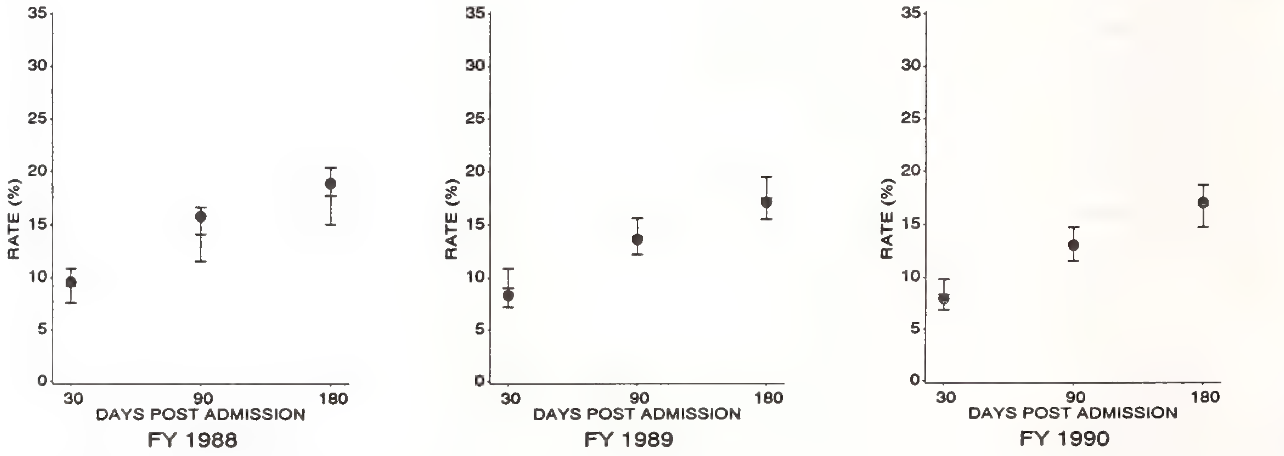
POWELL & FORANCE STS
NORRISTOWN, PA 19401
Medicare Provider Number: 390108

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1796	7.9	8.3	0.7	13.0	13.1	0.8	17.0	16.7	1.0
CONDITIONS:										
Acute Myocardial Infarction	43	30.2	23.3	-----	39.5	26.4	-----	39.5	29.2	-----
Congestive Heart Failure	91	9.9	16.3	6.2	20.9	26.3	6.8	28.6	32.8	7.5
Pneumonia/Influenza	67	4.5	15.4	6.3	10.4	20.9	7.9	13.4	24.6	7.5
Chronic Obstructive Pulmonary Disease	30	3.3	8.2	-----	16.7	14.2	-----	16.7	18.5	-----
Transient Cerebral Ischemia	29	0.0	1.2	-----	0.0	2.8	-----	6.9	4.8	-----
Stroke	69	23.2	20.8	5.7	33.3	28.6	6.2	39.1	32.8	7.1
Hip Fracture	35	0.0	5.6	-----	11.4	10.4	-----	17.1	13.7	-----
Sepsis	25	16.0	23.4	-----	32.0	33.8	-----	36.0	39.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	14	0.0	3.2	-----	7.1	6.2	-----	7.1	9.0	-----
Carotid Endarterectomy	11	0.0	1.1	-----	0.0	1.9	-----	9.1	2.8	-----
Hip Replacement/Reconstruction	35	0.0	2.2	-----	8.6	4.6	-----	11.4	6.6	-----
Open Reduction of Hip Fracture	21	0.0	5.4	-----	4.8	9.9	-----	9.5	13.0	-----
Prostatectomy	56	1.8	1.1	1.5	1.8	2.6	2.8	5.4	4.3	3.3
Cholecystectomy	31	3.2	1.8	-----	6.5	3.9	-----	6.5	5.9	-----
Hysterectomy	9	0.0	0.8	-----	11.1	2.1	-----	11.1	3.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MONTGOMERY HOSPITAL

Medicare Provider Number: 390108

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.7 years
Proportion female	55.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	36.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	35.5 %
Admitted for emergency	62.0 %

COMORBIDITIES:

Cancer	9.7 %
Chronic cardiovascular disease	31.3 %
Chronic liver disease	0.8 %
Chronic renal disease	4.6 %
Chronic pulmonary disease	12.4 %
Cerebrovascular degeneration	8.4 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	90.4%
State	7.6%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	240
Occupancy Rate	69.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.4 %
Case Mix Index (CMI)	1.2921

STAFFING:

Total Number of Physicians	258
Percent of Physicians Board Certified Specialists	69.8 %
Medical Residents/Interns	15
Registered Nurses	245
Licensed Practical Nurses	17

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

MONTROSE GENERAL HOSPITAL INC

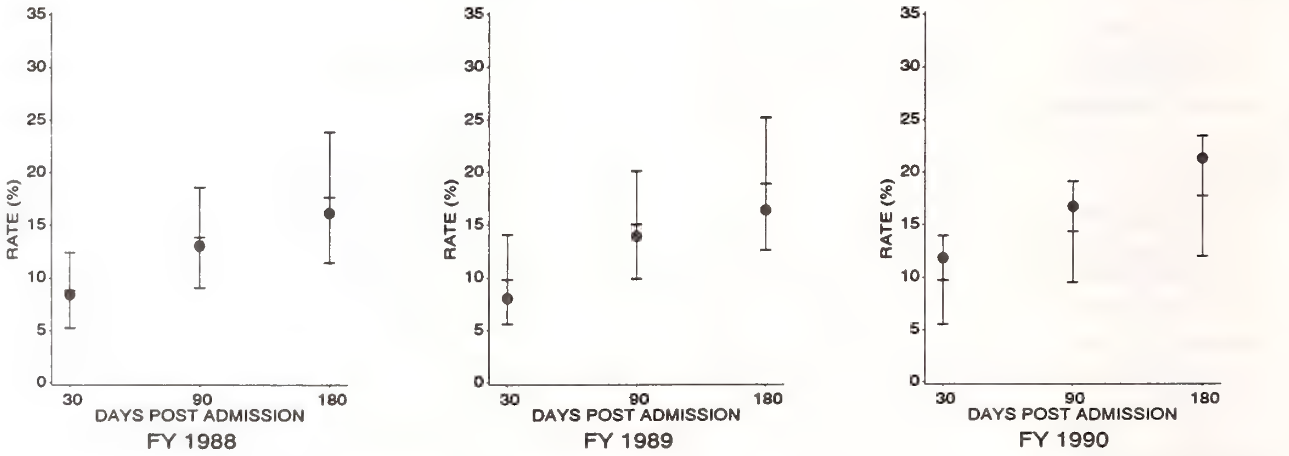
1-3 GROW AVE
MONTROSE, PA 18801
Medicare Provider Number: 390249

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	287	11.8	9.7	2.1	16.7	14.3	2.4	21.3	17.7	2.9
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	23.8	-----	23.1	28.5	-----	23.1	31.3	-----
Congestive Heart Failure	15	20.0	11.7	-----	26.7	18.8	-----	40.0	24.1	-----
Pneumonia/Influenza	26	11.5	14.1	-----	11.5	19.5	-----	23.1	23.4	-----
Chronic Obstructive Pulmonary Disease	5	0.0	6.0	-----	0.0	12.1	-----	0.0	16.6	-----
Transient Cerebral Ischemia	6	16.7	1.9	-----	16.7	4.3	-----	16.7	7.2	-----
Stroke	13	38.5	22.9	-----	38.5	27.9	-----	46.2	31.6	-----
Hip Fracture	4	0.0	5.1	-----	25.0	9.7	-----	25.0	13.2	-----
Sepsis	1	100.0	33.4	-----	100.0	38.3	-----	100.0	44.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	4	0.0	1.4	-----	0.0	2.6	-----	0.0	3.5	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



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FY 1989

FY 1990

MONTROSE GENERAL HOSPITAL INC
Medicare Provider Number: 390249

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.0 years
Proportion female	61.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	52.6 %
Transferred from skilled nursing facility	1.0 %
Admitted for elective procedure	8.0 %
Admitted for emergency	81.2 %

COMORBIDITIES:	
Cancer	8.0 %
Chronic cardiovascular disease	33.8 %
Chronic liver disease	1.0 %
Chronic renal disease	1.7 %
Chronic pulmonary disease	16.7 %
Cerebrovascular degeneration	8.0 %
Diabetes mellitus	10.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	86.0%
State	7.6%
Outside State	6.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	37
Occupancy Rate	35.0 %
Ownership/Control	Private, For Profit
Medicare Discharges	45.3 %
Case Mix Index (CMI)	1.0511
STAFFING:	
Total Number of Physicians	9
Percent of Physicians Board Certified Specialists	77.8 %
Medical Residents/Interns	0
Registered Nurses	25
Licensed Practical Nurses	13

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

MOSES TAYLOR HOSPITAL

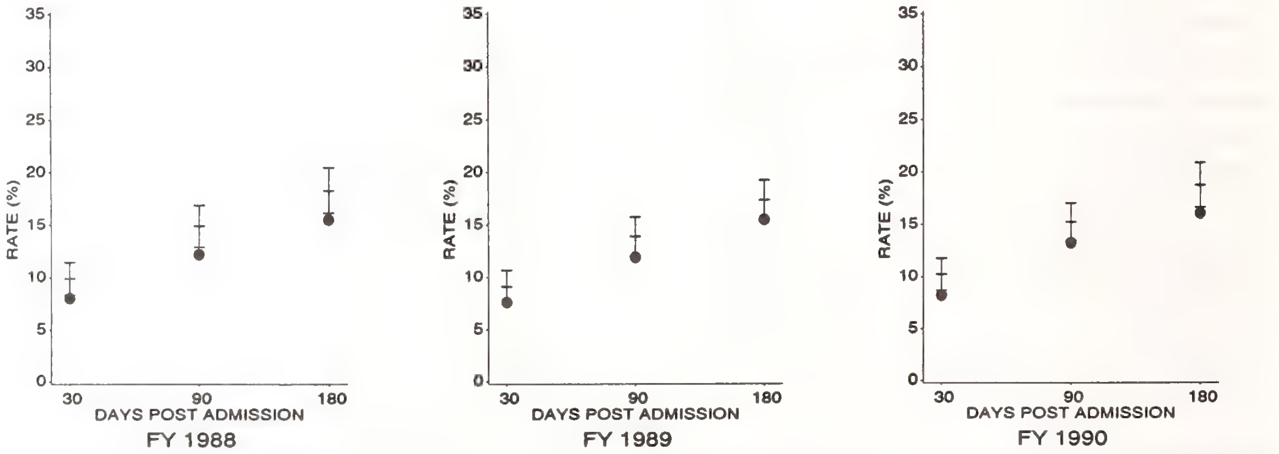
700 QUINCY AVE
SCRANTON, PA 18510
Medicare Provider Number: 390119

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2492	8.2	10.2	0.8	13.2	15.2	0.9	16.0	18.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	57	35.1	26.5	10.1	40.4	29.4	10.8	40.4	32.1	11.9
Congestive Heart Failure	149	10.1	15.6	5.0	18.8	24.5	6.2	22.8	31.0	6.9
Pneumonia/Influenza	103	8.7	17.5	5.5	19.4	23.8	6.3	23.3	28.1	5.7
Chronic Obstructive Pulmonary Disease	43	2.3	7.9	-----	2.3	13.4	-----	7.0	17.5	-----
Transient Cerebral Ischemia	45	6.7	1.9	-----	11.1	4.1	-----	15.6	6.7	-----
Stroke	90	13.3	18.1	7.8	20.0	25.5	9.2	26.7	29.4	8.3
Hip Fracture	43	4.7	7.3	-----	9.3	12.7	-----	11.6	16.4	-----
Sepsis	48	16.7	23.5	-----	22.9	30.3	-----	31.3	34.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	0.0	2.4	-----	0.0	4.8	-----	0.0	7.2	-----
Carotid Endarterectomy	5	0.0	1.8	-----	0.0	3.2	-----	0.0	4.5	-----
Hip Replacement/Reconstruction	40	2.5	3.0	-----	5.0	5.3	-----	7.5	7.1	-----
Open Reduction of Hip Fracture	12	0.0	8.0	-----	8.3	14.3	-----	8.3	18.2	-----
Prostatectomy	65	1.5	1.7	1.7	1.5	3.9	3.2	6.2	6.3	3.6
Cholecystectomy	51	5.9	3.4	3.6	5.9	5.7	3.5	5.9	7.0	3.9
Hysterectomy	7	0.0	1.2	-----	0.0	2.7	-----	0.0	4.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MOSES TAYLOR HOSPITAL
Medicare Provider Number: 390119

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	59.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	31.2 %
Transferred from skilled nursing facility	0.6 %
Admitted for elective procedure	15.0 %
Admitted for emergency	69.9 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	43.7 %
Chronic liver disease	1.0 %
Chronic renal disease	6.2 %
Chronic pulmonary disease	19.3 %
Cerebrovascular degeneration	2.4 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	81.2%
State	17.2%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	218
Occupancy Rate	86.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	60.7 %
Case Mix Index (CMI)	1.3192

STAFFING:

Total Number of Physicians	137
Percent of Physicians Board Certified Specialists	79.6 %
Medical Residents/Interns	0
Registered Nurses	215
Licensed Practical Nurses	86

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

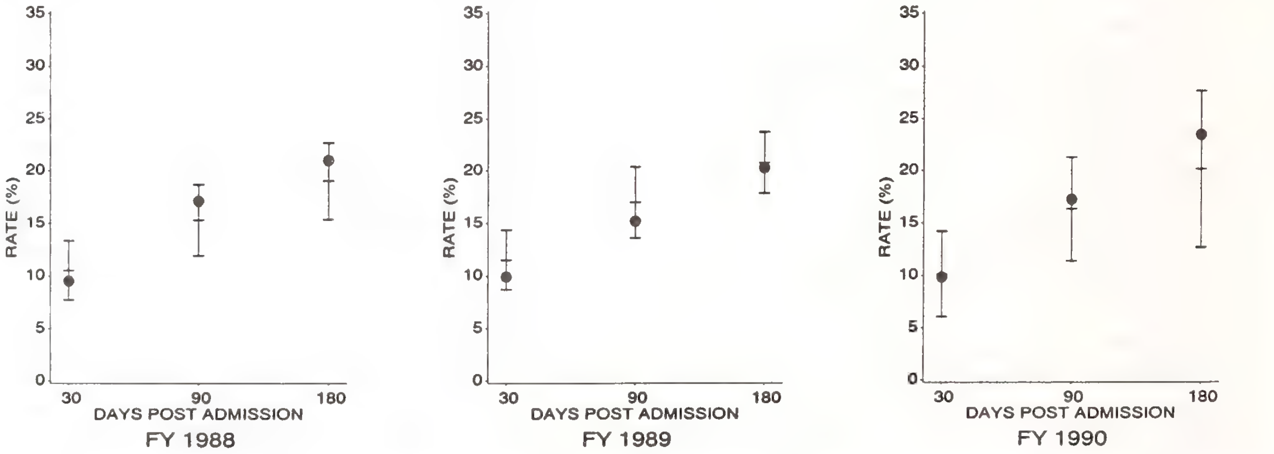
MT SINAI HOSPITAL
5TH & REED STS
PHILADELPHIA, PA 19147
Medicare Provider Number: 390277

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	244	9.8	10.1	2.0	17.2	16.3	2.5	23.4	20.1	3.7
CONDITIONS:										
Acute Myocardial Infarction	4	50.0	36.7	-----	50.0	40.5	-----	50.0	42.8	-----
Congestive Heart Failure	11	18.2	15.0	-----	36.4	25.2	-----	54.5	30.7	-----
Pneumonia/Influenza	6	33.3	18.2	-----	33.3	26.7	-----	33.3	30.9	-----
Chronic Obstructive Pulmonary Disease	5	0.0	13.8	-----	20.0	25.4	-----	20.0	31.7	-----
Transient Cerebral Ischemia	3	0.0	1.6	-----	0.0	3.8	-----	0.0	6.5	-----
Stroke	7	42.9	29.9	-----	57.1	39.0	-----	71.4	42.1	-----
Hip Fracture	8	0.0	6.1	-----	12.5	11.4	-----	37.5	14.5	-----
Sepsis	3	0.0	31.5	-----	0.0	40.5	-----	0.0	44.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.4	-----	25.0	10.5	-----	50.0	13.5	-----
Open Reduction of Hip Fracture	3	0.0	6.1	-----	0.0	11.1	-----	0.0	14.0	-----
Prostatectomy	5	0.0	0.8	-----	0.0	2.0	-----	0.0	3.5	-----
Cholecystectomy	3	0.0	4.6	-----	0.0	7.0	-----	0.0	8.2	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MT SINAI HOSPITAL

Medicare Provider Number: 390277

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	55.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	5.3 %
Admitted for emergency	91.4 %

COMORBIDITIES:

Cancer	9.4 %
Chronic cardiovascular disease	32.8 %
Chronic liver disease	2.0 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	13.5 %
Cerebrovascular degeneration	8.2 %
Diabetes mellitus	7.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	90.8%
State	2.4%
Outside State	6.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	16.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	210
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.4314

STAFFING:

Medical Residents/Interns	44
Registered Nurses	190
Licensed Practical Nurses	23

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MUHLENBERG HOSPITAL CENTER

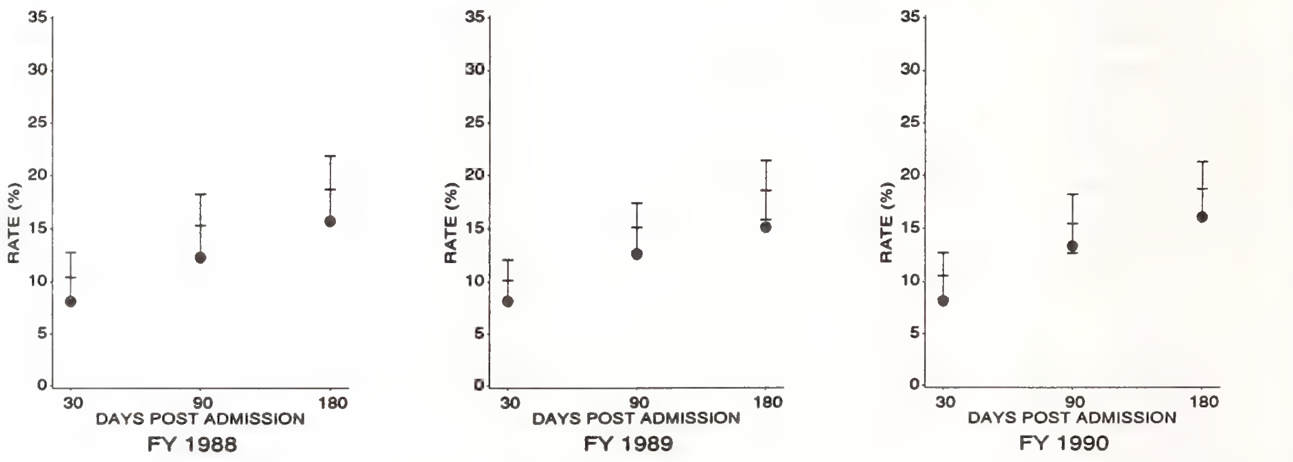
SCHOENERSVILLE RD
BETHLEHEM, PA 18017
Medicare Provider Number: 390263

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1448	8.1	10.5	1.1	13.3	15.4	1.4	16.0	18.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	40	27.5	25.3	-----	32.5	28.8	-----	35.0	31.7	-----
Congestive Heart Failure	65	16.9	15.6	4.7	26.2	24.8	5.8	32.3	31.4	6.2
Pneumonia/Influenza	31	12.9	16.7	-----	25.8	22.7	-----	32.3	26.4	-----
Chronic Obstructive Pulmonary Disease	19	10.5	12.6	-----	21.1	21.2	-----	21.1	27.2	-----
Transient Cerebral Ischemia	28	3.6	1.3	-----	7.1	2.9	-----	7.1	4.8	-----
Stroke	65	16.9	17.4	5.5	18.5	23.8	7.4	20.0	27.5	7.9
Hip Fracture	47	12.8	6.9	-----	14.9	11.9	-----	14.9	15.4	-----
Sepsis	25	28.0	25.5	-----	36.0	32.2	-----	40.0	36.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	7.4	-----	0.0	11.8	-----	0.0	14.9	-----
Carotid Endarterectomy	8	0.0	1.2	-----	0.0	2.1	-----	0.0	3.1	-----
Hip Replacement/Reconstruction	36	5.6	2.6	-----	5.6	4.9	-----	5.6	6.5	-----
Open Reduction of Hip Fracture	29	6.9	5.7	-----	6.9	10.2	-----	6.9	13.6	-----
Prostatectomy	33	3.0	1.4	-----	3.0	3.3	-----	3.0	5.6	-----
Cholecystectomy	47	2.1	5.7	-----	8.5	9.8	-----	12.8	12.7	-----
Hysterectomy	5	20.0	2.7	-----	20.0	6.1	-----	40.0	9.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MUHLENBERG HOSPITAL CENTER

Medicare Provider Number: 390263

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.8 years
Proportion female	56.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	29.2 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	15.7 %
Admitted for emergency	61.3 %

COMORBIDITIES:

Cancer	6.0 %
Chronic cardiovascular disease	36.5 %
Chronic liver disease	0.6 %
Chronic renal disease	4.4 %
Chronic pulmonary disease	21.1 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	11.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	72.3%
State	25.7%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	148
Occupancy Rate	84.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.6 %
Case Mix Index (CMI)	1.5019

STAFFING:

Total Number of Physicians	192
Percent of Physicians Board Certified Specialists	59.4 %
Medical Residents/Interns	0
Registered Nurses	146
Licensed Practical Nurses	4

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

MUNCY VALLEY HOSPITAL

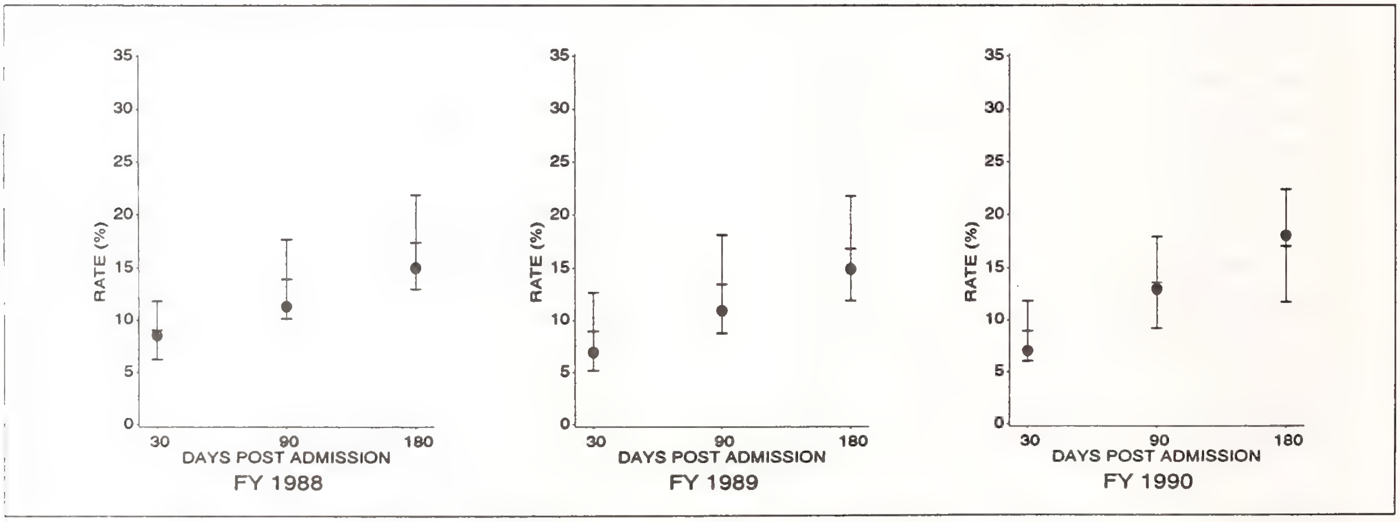
P O BOX 340
MUNCY, PA 17756
Medicare Provider Number: 390078

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	583	7.0	8.9	1.5	12.9	13.5	2.2	18.0	17.0	2.7
CONDITIONS:										
Acute Myocardial Infarction	21	14.3	26.1	-----	23.8	30.0	-----	23.8	32.8	-----
Congestive Heart Failure	39	15.4	15.1	-----	28.2	24.3	-----	46.2	30.9	-----
Pneumonia/Influenza	42	2.4	12.4	-----	9.5	17.4	-----	14.3	21.0	-----
Chronic Obstructive Pulmonary Disease	14	7.1	9.2	-----	14.3	15.0	-----	21.4	18.9	-----
Transient Cerebral Ischemia	14	0.0	1.6	-----	7.1	3.7	-----	7.1	6.1	-----
Stroke	24	12.5	18.2	-----	20.8	25.4	-----	29.2	29.4	-----
Hip Fracture	7	0.0	7.9	-----	28.6	13.6	-----	28.6	18.1	-----
Sepsis	5	40.0	18.7	-----	40.0	24.9	-----	40.0	29.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	5.8	-----	0.0	11.2	-----	20.0	15.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	5	0.0	5.6	-----	20.0	9.5	-----	20.0	12.7	-----
Prostatectomy	14	0.0	0.9	-----	0.0	2.1	-----	0.0	3.4	-----
Cholecystectomy	8	0.0	3.1	-----	12.5	6.4	-----	12.5	9.0	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



MUNCY VALLEY HOSPITAL
Medicare Provider Number: 390078

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.4 years
Proportion female	54.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	47.9 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.2 %

COMORBIDITIES:

Cancer	6.3 %
Chronic cardiovascular disease	44.1 %
Chronic liver disease	0.9 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	25.4 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	84.1%
State	14.2%
Outside State	1.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	130
Occupancy Rate	69.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.0 %
Case Mix Index (CMI)	1.1026

STAFFING:

Total Number of Physicians	21
Percent of Physicians Board Certified Specialists	85.7 %
Medical Residents/Interns	0
Registered Nurses	36
Licensed Practical Nurses	20

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

NASON HOSPITAL

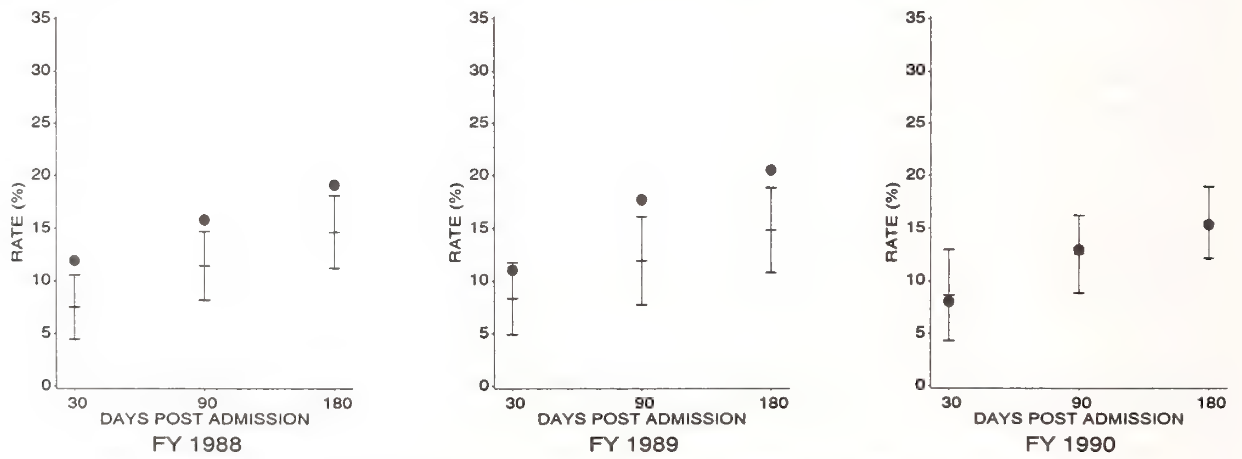
NASON DRIVE
ROARING SPRINGS, PA 16673
Medicare Provider Number: 390062

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	628	8.0	8.6	2.2	12.9	12.5	1.9	15.3	15.5	1.7
CONDITIONS:										
Acute Myocardial Infarction	22	18.2	24.0	-----	18.2	26.7	-----	18.2	29.4	-----
Congestive Heart Failure	30	6.7	13.2	-----	16.7	20.5	-----	20.0	25.9	-----
Pneumonia/Influenza	20	25.0	15.9	-----	35.0	21.4	-----	35.0	25.1	-----
Chronic Obstructive Pulmonary Disease	18	0.0	4.9	-----	5.6	8.8	-----	11.1	12.3	-----
Transient Cerebral Ischemia	13	0.0	1.4	-----	0.0	3.3	-----	0.0	5.5	-----
Stroke	29	20.7	20.8	-----	34.5	26.8	-----	34.5	30.9	-----
Hip Fracture	20	5.0	4.9	-----	10.0	9.0	-----	10.0	12.1	-----
Sepsis	4	0.0	29.3	-----	25.0	35.2	-----	25.0	39.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.9	-----	0.0	5.6	-----	0.0	8.3	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	19	0.0	1.9	-----	0.0	3.5	-----	0.0	4.9	-----
Open Reduction of Hip Fracture	12	0.0	4.3	-----	8.3	7.9	-----	8.3	10.7	-----
Prostatectomy	25	0.0	1.0	-----	0.0	2.3	-----	4.0	3.8	-----
Cholecystectomy	14	0.0	1.3	-----	0.0	2.1	-----	7.1	2.7	-----
Hysterectomy	3	0.0	1.1	-----	0.0	2.1	-----	0.0	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NASON HOSPITAL
Medicare Provider Number: 390062

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.5 years	Cancer	5.4 %
Proportion female	58.9 %	Chronic cardiovascular disease	42.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.6 %
Referred by personal or HMO physician	41.4 %	Chronic renal disease	1.6 %
Transferred from skilled nursing facility	1.9 %	Chronic pulmonary disease	17.0 %
Admitted for elective procedure	26.3 %	Cerebrovascular degeneration	2.4 %
Admitted for emergency	12.3 %	Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	71.6%	Hospital	7.0 Days
State	26.8%	State	9.2 Days
Outside State	1.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	60	Burn Unit	No
Occupancy Rate	51.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	50.0 %	Hospice Care	Yes
Case Mix Index (CMI)	1.1544	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	25	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	84.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	60	Rehabilitation	No
Licensed Practical Nurses	21	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

NAZARETH HOSPITAL

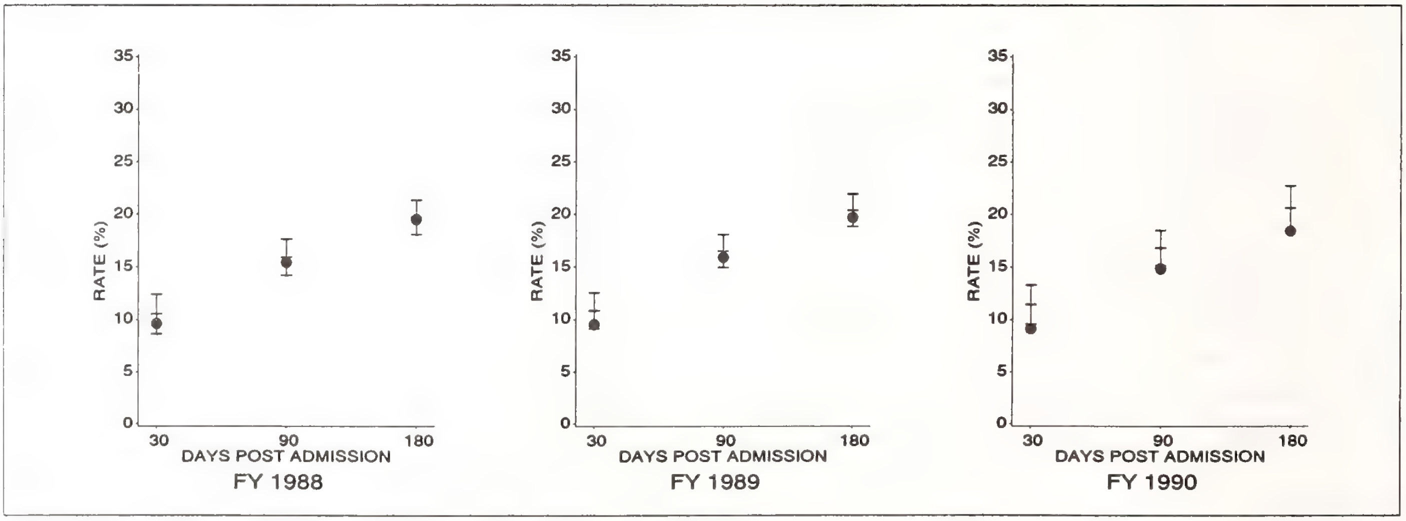
2601 HOLME AVE
PHILADELPHIA, PA 19152
Medicare Provider Number: 390204

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3505	9.1	11.4	0.9	14.8	16.8	0.8	18.4	20.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	203	16.3	27.8	4.3	21.2	31.8	4.3	24.6	34.8	4.3
Congestive Heart Failure	241	8.7	15.0	3.8	19.1	23.6	3.6	24.9	29.8	3.8
Pneumonia/Influenza	136	18.4	17.7	3.9	25.0	24.0	5.4	27.9	28.0	4.5
Chronic Obstructive Pulmonary Disease	48	6.3	6.1	-----	12.5	11.2	-----	16.7	15.2	-----
Transient Cerebral Ischemia	94	3.2	1.6	2.0	3.2	3.6	2.0	4.3	5.8	3.1
Stroke	252	10.7	18.7	3.5	21.0	26.2	3.2	25.0	30.3	3.3
Hip Fracture	92	5.4	6.2	3.2	10.9	10.8	3.8	16.3	14.0	4.7
Sepsis	73	32.9	27.0	10.0	42.5	36.2	10.6	47.9	41.5	11.2
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	58	1.7	4.2	4.4	8.6	7.6	3.6	10.3	10.4	4.2
Carotid Endarterectomy	15	0.0	1.4	-----	0.0	2.5	-----	0.0	3.5	-----
Hip Replacement/Reconstruction	42	4.8	4.4	-----	9.5	8.3	-----	14.3	11.2	-----
Open Reduction of Hip Fracture	49	4.1	6.3	-----	10.2	11.2	-----	14.3	14.6	-----
Prostatectomy	83	3.6	1.7	2.1	7.2	3.8	3.6	8.4	6.4	3.8
Cholecystectomy	43	0.0	3.9	-----	7.0	6.5	-----	7.0	8.0	-----
Hysterectomy	25	0.0	0.5	-----	0.0	1.1	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

NAZARETH HOSPITAL

Medicare Provider Number: 390204

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.5 years
Proportion female	59.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.2 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	12.6 %
Admitted for emergency	86.7 %

COMORBIDITIES:

Cancer	9.2 %
Chronic cardiovascular disease	46.7 %
Chronic liver disease	1.0 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	18.5 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	6.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	93.7%
State	4.3%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	337
Occupancy Rate	70.0 %
Ownership/Control	Church
Medicare Discharges	50.1 %
Case Mix Index (CMI)	1.2392

STAFFING:

Total Number of Physicians	256
Percent of Physicians Board Certified Specialists	85.9 %
Medical Residents/Interns	0
Registered Nurses	227
Licensed Practical Nurses	115

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

NESBITT MEMORIAL HOSPITAL

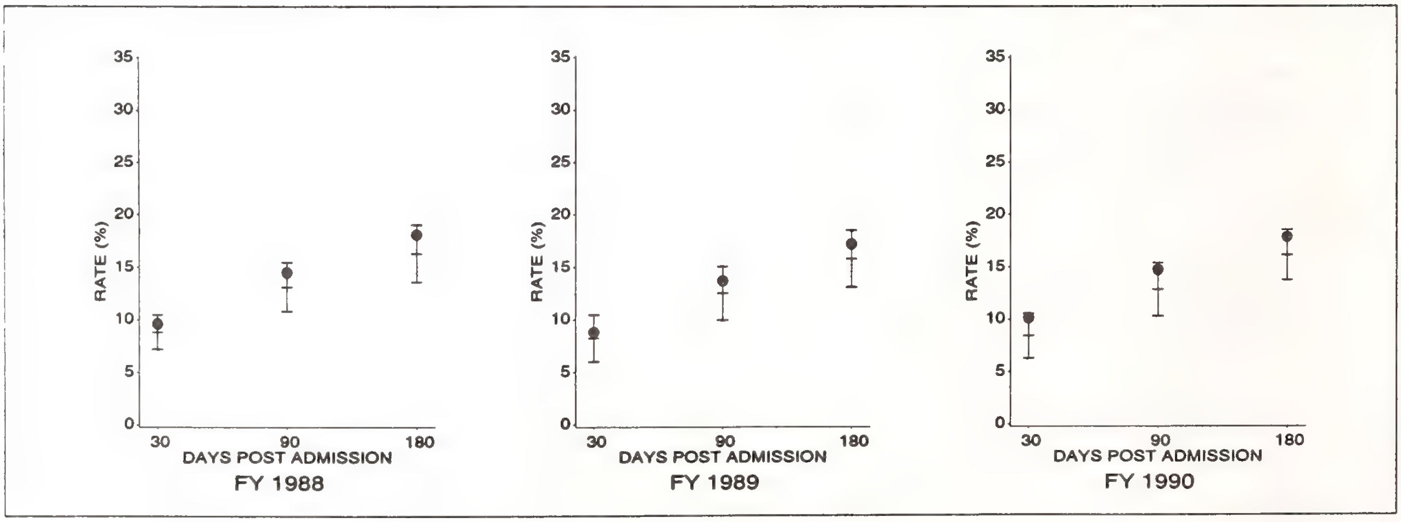
562 WYOMING AVENUE
KINGSTON, PA 18704
Medicare Provider Number: 390137

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2337	10.1	8.4	1.1	14.7	12.8	1.3	17.8	16.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	74	31.1	26.4	7.8	39.2	29.4	10.0	40.5	32.0	10.1
Congestive Heart Failure	161	16.8	13.5	3.6	22.4	21.8	3.4	28.0	27.9	3.7
Pneumonia/Influenza	82	22.0	14.8	5.8	26.8	20.2	6.9	34.1	23.9	7.5
Chronic Obstructive Pulmonary Disease	50	4.0	6.3	-----	10.0	11.7	-----	18.0	16.1	-----
Transient Cerebral Ischemia	71	1.4	1.4	2.0	5.6	3.1	3.1	7.0	5.2	5.2
Stroke	109	25.7	20.2	5.1	32.1	26.6	5.2	33.0	30.4	5.1
Hip Fracture	36	8.3	5.9	-----	11.1	10.7	-----	16.7	13.9	-----
Sepsis	30	23.3	22.2	-----	26.7	28.0	-----	30.0	32.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	2.5	-----	6.3	5.1	-----	12.5	7.7	-----
Carotid Endarterectomy	12	0.0	1.2	-----	0.0	2.3	-----	0.0	3.4	-----
Hip Replacement/Reconstruction	25	0.0	4.5	-----	4.0	8.3	-----	8.0	11.0	-----
Open Reduction of Hip Fracture	13	7.7	5.1	-----	7.7	9.4	-----	23.1	12.4	-----
Prostatectomy	77	1.3	1.3	1.7	1.3	2.8	2.5	3.9	4.7	3.2
Cholecystectomy	45	6.7	5.1	-----	8.9	8.5	-----	11.1	10.5	-----
Hysterectomy	33	0.0	0.2	-----	3.0	0.5	-----	3.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NESBITT MEMORIAL HOSPITAL

Medicare Provider Number: 390137

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	62.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	50.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	20.5 %
Admitted for emergency	41.0 %

COMORBIDITIES:

Cancer	6.4 %
Chronic cardiovascular disease	32.0 %
Chronic liver disease	0.6 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	14.5 %
Cerebrovascular degeneration	2.8 %
Diabetes mellitus	8.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	96.2%
State	2.5%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	214
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	33.6 %
Case Mix Index (CMI)	1.1823

STAFFING:

Total Number of Physicians	234
Percent of Physicians Board Certified Specialists	68.4 %
Medical Residents/Interns	0
Registered Nurses	294
Licensed Practical Nurses	49

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

NEUMANN MEDICAL CENTER

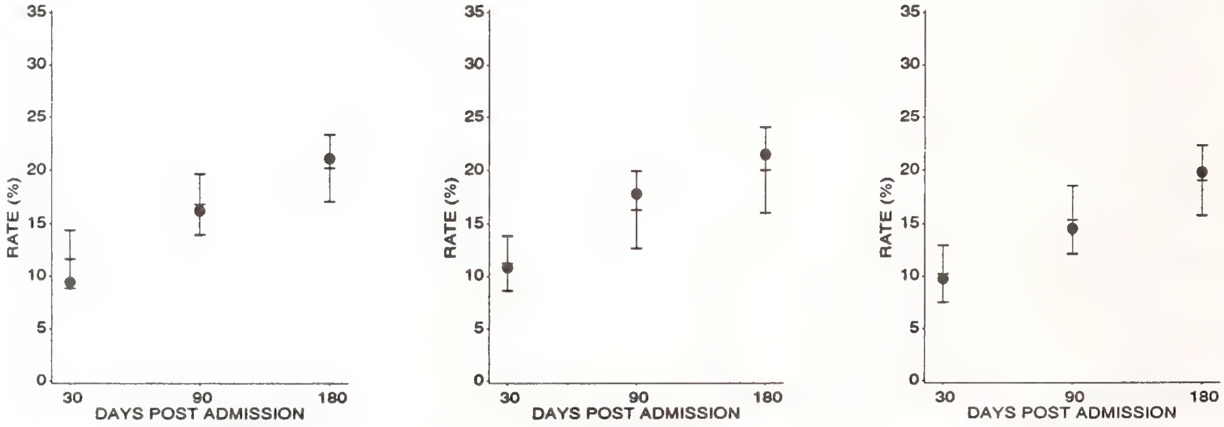
FRANKFORD AVE & PALMER ST
PHILADELPHIA, PA 19125
Medicare Provider Number: 390023

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	681	9.7	10.2	1.4	14.5	15.3	1.6	19.8	19.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	21	28.6	28.0	-----	28.6	31.0	-----	33.3	33.6	-----
Congestive Heart Failure	47	10.6	12.6	-----	14.9	19.9	-----	21.3	25.6	-----
Pneumonia/Influenza	37	0.0	11.8	-----	5.4	15.9	-----	10.8	18.9	-----
Chronic Obstructive Pulmonary Disease	24	8.3	7.2	-----	16.7	11.8	-----	16.7	15.3	-----
Transient Cerebral Ischemia	14	7.1	1.7	-----	7.1	3.8	-----	7.1	6.2	-----
Stroke	23	30.4	19.9	-----	30.4	26.6	-----	30.4	30.1	-----
Hip Fracture	11	18.2	6.0	-----	27.3	10.5	-----	27.3	13.6	-----
Sepsis	16	25.0	22.7	-----	31.3	29.9	-----	37.5	34.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	3	0.0	2.8	-----	0.0	4.3	-----	0.0	5.4	-----
Hip Replacement/Reconstruction	5	0.0	2.5	-----	20.0	5.1	-----	20.0	6.8	-----
Open Reduction of Hip Fracture	2	50.0	12.0	-----	50.0	19.8	-----	50.0	25.0	-----
Prostatectomy	28	0.0	0.7	-----	3.6	1.6	-----	3.6	2.7	-----
Cholecystectomy	6	0.0	2.8	-----	0.0	5.7	-----	0.0	8.1	-----
Hysterectomy	1	0.0	0.4	-----	0.0	1.0	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

NEUMANN MEDICAL CENTER
Medicare Provider Number: 390023

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	72.6 years	Cancer	6.6 %
Proportion female	55.5 %	Chronic cardiovascular disease	34.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	2.3 %
Referred by personal or HMO physician	21.9 %	Chronic renal disease	2.1 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	18.9 %
Admitted for elective procedure	9.7 %	Cerebrovascular degeneration	3.5 %
Admitted for emergency	83.3 %	Diabetes mellitus	9.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	95.6%	Hospital	9.4 Days
State	2.3%	State	9.2 Days
Outside State	2.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	200	Burn Unit	No
Ownership/Control	Private, For Profit	Coronary Care Unit	Yes
Case Mix Index (CMI)	1.1167	Hospice Care	No
STAFFING:		Intensive Care Unit	Yes
Medical Residents/Interns	4	Organ Transplant	No
Registered Nurses	65	Trauma Center	No
Licensed Practical Nurses	20	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
		Alcohol/Drug	No
		Rehabilitation	Yes
		Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

NORTH HILLS PASSAVANT HOSPITAL

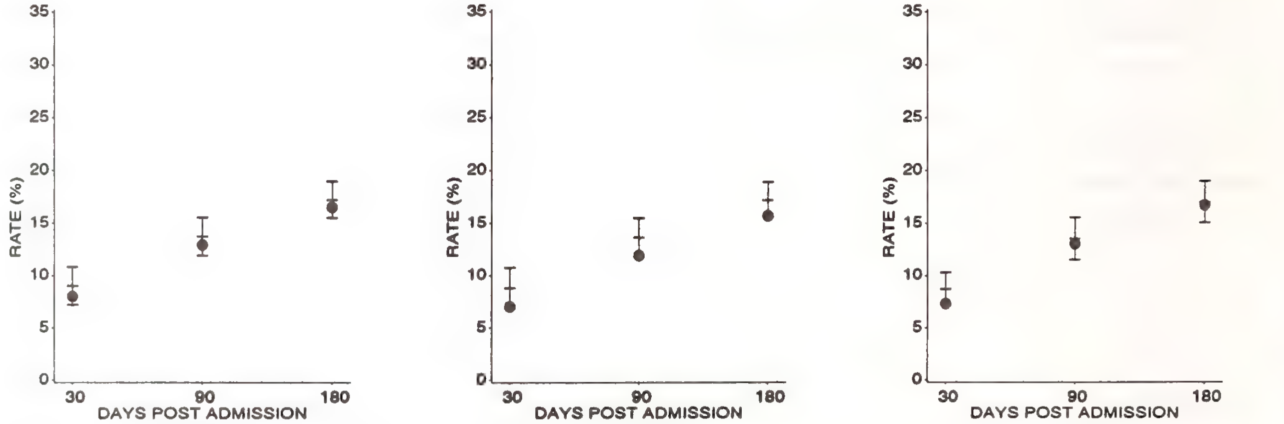
9100 BABCOCK BOULEVARD
PITTSBURGH, PA 15237
Medicare Provider Number: 390107

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3475	7.3	8.7	0.8	13.0	13.5	1.0	16.7	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	107	25.2	25.5	5.5	29.0	28.9	5.1	32.7	31.8	5.3
Congestive Heart Failure	189	13.8	16.6	3.6	21.7	25.8	5.6	25.9	32.3	5.9
Pneumonia/Influenza	119	8.4	17.7	4.6	19.3	24.3	4.4	26.9	28.7	4.4
Chronic Obstructive Pulmonary Disease	99	7.1	9.3	3.5	20.2	16.1	5.1	24.2	20.9	5.3
Transient Cerebral Ischemia	84	3.6	1.9	2.7	7.1	4.2	4.7	13.1	6.9	6.4
Stroke	129	18.6	21.5	4.6	25.6	27.4	6.3	27.9	31.1	7.5
Hip Fracture	83	3.6	8.5	5.6	12.0	14.7	6.1	15.7	18.9	5.3
Sepsis	36	11.1	25.1	-----	19.4	34.1	-----	25.0	38.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	33	0.0	3.7	-----	9.1	6.9	-----	15.2	9.6	-----
Carotid Endarterectomy	14	0.0	1.9	-----	0.0	3.5	-----	0.0	5.0	-----
Hip Replacement/Reconstruction	65	4.6	4.4	2.6	10.8	8.0	4.4	13.8	10.8	6.0
Open Reduction of Hip Fracture	51	2.0	8.1	5.5	7.8	14.4	7.6	9.8	18.9	7.9
Prostatectomy	94	1.1	1.2	1.4	3.2	2.9	2.7	3.2	4.8	2.8
Cholecystectomy	69	2.9	4.2	3.1	10.1	7.5	3.9	10.1	9.8	4.4
Hysterectomy	32	0.0	0.8	-----	0.0	1.6	-----	3.1	2.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

NORTH HILLS PASSAVANT HOSPITAL

Medicare Provider Number: 390107

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.9 years
Proportion female	57.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	36.6 %
Transferred from skilled nursing facility	5.8 %
Admitted for elective procedure	16.7 %
Admitted for emergency	73.3 %

COMORBIDITIES:

Cancer	8.5 %
Chronic cardiovascular disease	39.6 %
Chronic liver disease	0.8 %
Chronic renal disease	1.8 %
Chronic pulmonary disease	13.7 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	5.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	72.5%
State	25.4%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	292
Occupancy Rate	74.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.5 %
Case Mix Index (CMI)	1.1616

STAFFING:

Total Number of Physicians	228
Percent of Physicians Board Certified Specialists	65.8 %
Medical Residents/Interns	0
Registered Nurses	398
Licensed Practical Nurses	33

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

NORTH PENNYSLVANIA HOSPITAL

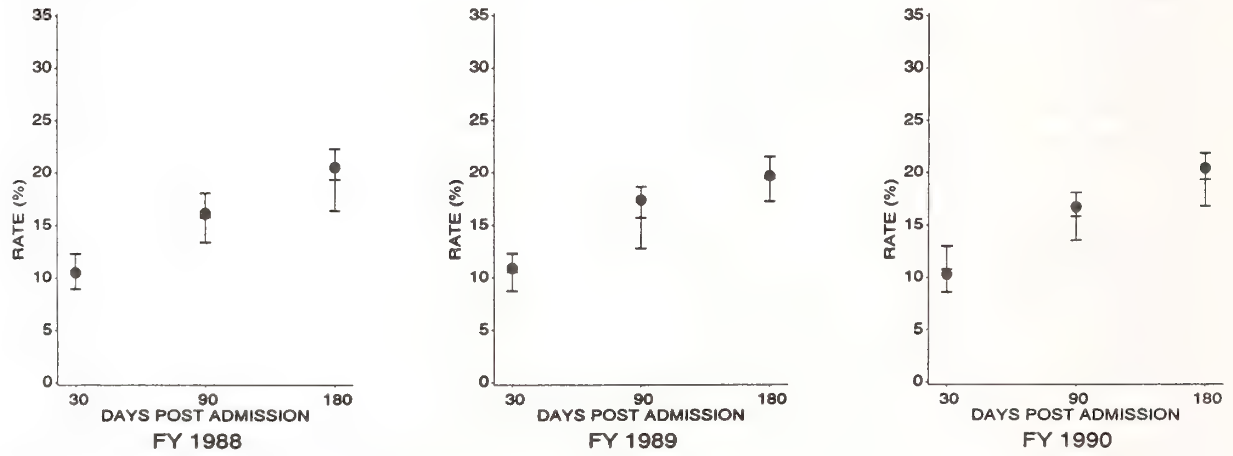
MEDICAL CAMPUS DRIVE
LANSDALE, PA 19446
Medicare Provider Number: 390012

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1458	10.3	10.8	1.1	16.7	15.8	1.1	20.4	19.3	1.3
CONDITIONS:										
Acute Myocardial Infarction	66	34.8	30.5	11.3	42.4	34.0	12.4	45.5	36.8	13.1
Congestive Heart Failure	73	9.6	15.1	5.2	20.5	23.3	9.8	24.7	29.3	8.9
Pneumonia/Influenza	74	8.1	17.2	7.0	18.9	23.4	5.8	23.0	27.4	6.1
Chronic Obstructive Pulmonary Disease	15	0.0	11.9	-----	6.7	20.9	-----	13.3	27.5	-----
Transient Cerebral Ischemia	45	4.4	1.7	-----	6.7	4.0	-----	11.1	6.8	-----
Stroke	72	19.4	20.4	6.9	23.6	26.3	6.5	27.8	30.2	7.8
Hip Fracture	43	7.0	7.5	-----	14.0	13.7	-----	23.3	17.6	-----
Sepsis	13	38.5	27.5	-----	46.2	35.1	-----	53.8	39.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	4.8	-----	0.0	10.1	-----	0.0	14.6	-----
Carotid Endarterectomy	3	0.0	1.0	-----	0.0	1.8	-----	33.3	2.6	-----
Hip Replacement/Reconstruction	21	0.0	3.2	-----	9.5	5.8	-----	9.5	7.6	-----
Open Reduction of Hip Fracture	30	10.0	6.8	-----	10.0	13.0	-----	23.3	17.3	-----
Prostatectomy	67	1.5	1.3	1.4	3.0	3.0	2.1	6.0	5.1	3.4
Cholecystectomy	29	0.0	2.7	-----	3.4	4.8	-----	6.9	6.2	-----
Hysterectomy	7	0.0	0.1	-----	0.0	0.3	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NORTH PENNSYLVANIA HOSPITAL
Medicare Provider Number: 390012

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	77.1 years
Proportion female	60.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	29.3 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	16.9 %
Admitted for emergency	73.2 %

COMORBIDITIES:

Cancer	7.5 %
Chronic cardiovascular disease	40.7 %
Chronic liver disease	0.9 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	13.4 %
Cerebrovascular degeneration	5.6 %
Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	83.7%
State	13.0%
Outside State	3.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	150
Occupancy Rate	62.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	35.8 %
Case Mix Index (CMI)	1.2277

STAFFING:

Total Number of Physicians	124
Percent of Physicians Board Certified Specialists	81.5 %
Medical Residents/Interns	0
Registered Nurses	188
Licensed Practical Nurses	23

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

NORTH PHILADELPHIA HEALTH SYSTEM

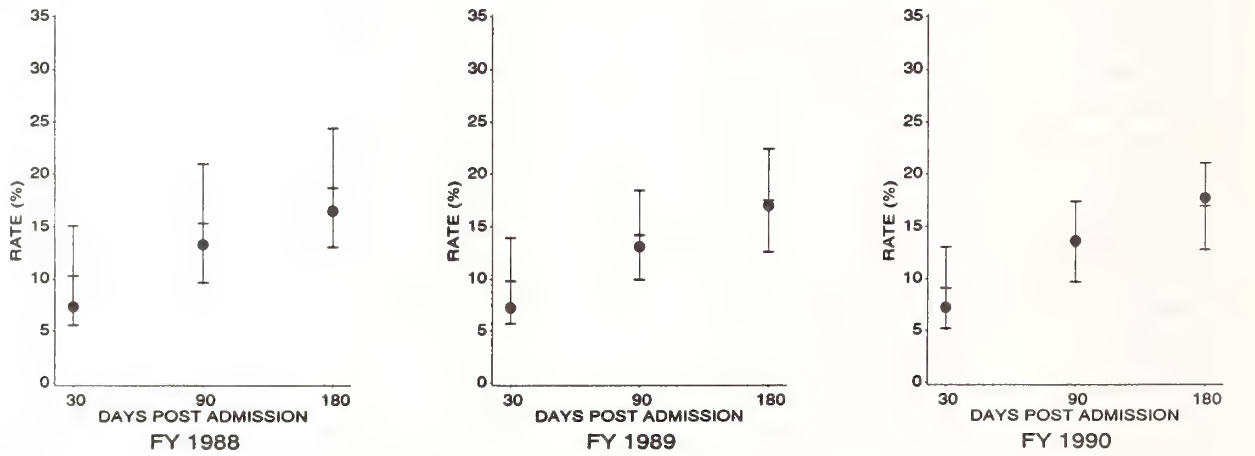
8TH & GIRARD AVE
PHILADELPHIA, PA 19122
Medicare Provider Number: 390132

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	389	7.2	9.1	2.0	13.6	13.5	1.9	17.7	16.9	2.1
CONDITIONS:										
Acute Myocardial Infarction	11	27.3	28.5	-----	36.4	32.3	-----	45.5	35.4	-----
Congestive Heart Failure	34	2.9	12.8	-----	14.7	20.3	-----	17.6	26.7	-----
Pneumonia/Influenza	13	7.7	17.3	-----	23.1	23.3	-----	23.1	27.5	-----
Chronic Obstructive Pulmonary Disease	12	8.3	11.7	-----	16.7	19.2	-----	25.0	23.8	-----
Transient Cerebral Ischemia	7	0.0	2.1	-----	0.0	4.8	-----	0.0	7.8	-----
Stroke	13	0.0	14.9	-----	15.4	19.7	-----	23.1	23.3	-----
Hip Fracture	5	0.0	4.8	-----	0.0	8.3	-----	0.0	11.7	-----
Sepsis	4	0.0	27.0	-----	25.0	35.6	-----	75.0	39.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	3	0.0	6.0	-----	0.0	10.4	-----	0.0	14.2	-----
Open Reduction of Hip Fracture	3	0.0	2.6	-----	0.0	5.4	-----	0.0	7.9	-----
Prostatectomy	14	0.0	2.1	-----	0.0	4.9	-----	0.0	7.9	-----
Cholecystectomy	1	0.0	1.2	-----	0.0	1.7	-----	0.0	2.3	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NORTH PHILADELPHIA HEALTH SYSTEM

Medicare Provider Number: 390132

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	71.7 years
Proportion female	43.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	9.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	2.1 %
Admitted for emergency	76.1 %

COMORBIDITIES:

Cancer	3.6 %
Chronic cardiovascular disease	30.1 %
Chronic liver disease	1.5 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	12.6 %
Cerebrovascular degeneration	6.4 %
Diabetes mellitus	8.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	98.3%
State	0.3%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	14.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	409
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.0524

STAFFING:

Medical Residents/Interns	12
Registered Nurses	207
Licensed Practical Nurses	14

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	No
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

NORTHEASTERN HOSPITAL

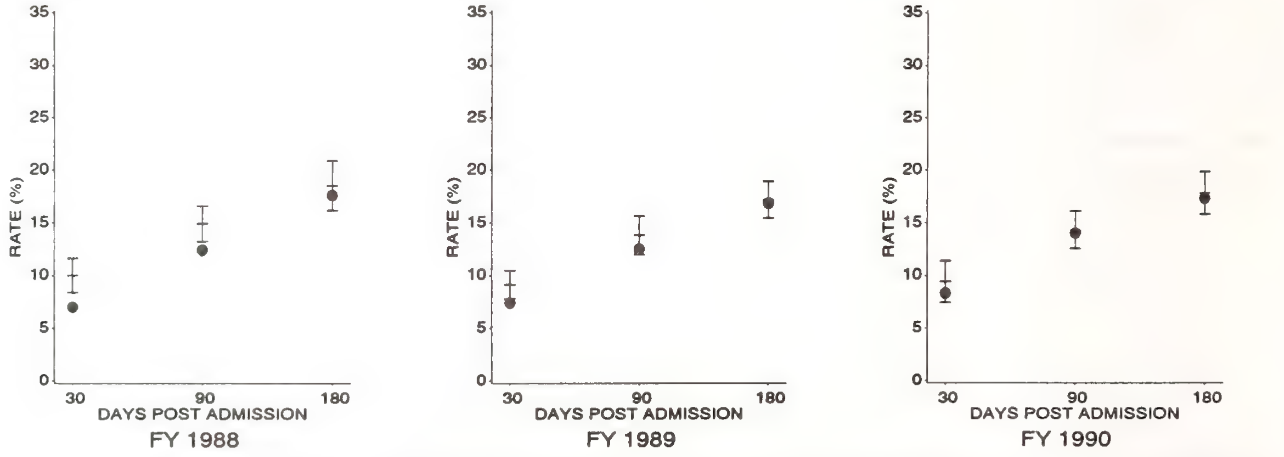
2301 E ALLEGHENY AVE
PHILADELPHIA, PA 19134
Medicare Provider Number: 390126

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1872	8.3	9.4	1.0	14.0	14.3	0.9	17.3	17.8	1.0
CONDITIONS:										
Acute Myocardial Infarction	70	25.7	27.0	7.5	31.4	29.7	7.6	34.3	32.1	7.3
Congestive Heart Failure	123	9.8	12.9	5.4	20.3	20.7	6.9	21.1	26.3	7.0
Pneumonia/Influenza	51	11.8	14.2	5.1	13.7	19.5	6.8	13.7	23.1	8.2
Chronic Obstructive Pulmonary Disease	59	1.7	8.5	5.8	11.9	15.0	6.7	15.3	19.7	6.7
Transient Cerebral Ischemia	44	0.0	1.4	-----	2.3	3.2	-----	2.3	5.3	-----
Stroke	63	17.5	20.4	5.9	20.6	26.4	6.8	28.6	29.8	7.4
Hip Fracture	33	6.1	6.3	-----	15.2	11.0	-----	15.2	14.3	-----
Sepsis	17	41.2	25.1	-----	41.2	31.7	-----	47.1	36.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	3.6	-----	5.0	7.6	-----	10.0	11.5	-----
Carotid Endarterectomy	5	0.0	1.0	-----	0.0	1.9	-----	0.0	2.7	-----
Hip Replacement/Reconstruction	16	0.0	5.2	-----	18.8	9.3	-----	18.8	12.3	-----
Open Reduction of Hip Fracture	17	5.9	5.6	-----	5.9	10.0	-----	5.9	13.2	-----
Prostatectomy	70	2.9	1.3	2.5	5.7	3.1	3.3	7.1	5.2	3.4
Cholecystectomy	35	2.9	4.3	-----	11.4	7.9	-----	14.3	10.3	-----
Hysterectomy	12	0.0	0.5	-----	0.0	1.2	-----	0.0	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



NORTHEASTERN HOSPITAL
Medicare Provider Number: 390126

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.9 years
Proportion female	57.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	29.3 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	13.3 %
Admitted for emergency	84.5 %

COMORBIDITIES:

Cancer	8.3 %
Chronic cardiovascular disease	36.6 %
Chronic liver disease	1.7 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	20.4 %
Cerebrovascular degeneration	4.5 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	96.7%
State	1.7%
Outside State	1.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	201
Occupancy Rate	73.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.2320

STAFFING:

Total Number of Physicians	(Not Available)
Percent of Physicians Board Certified Specialists	(Not Available)
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

OHIO VALLEY GENERAL HOSPITAL

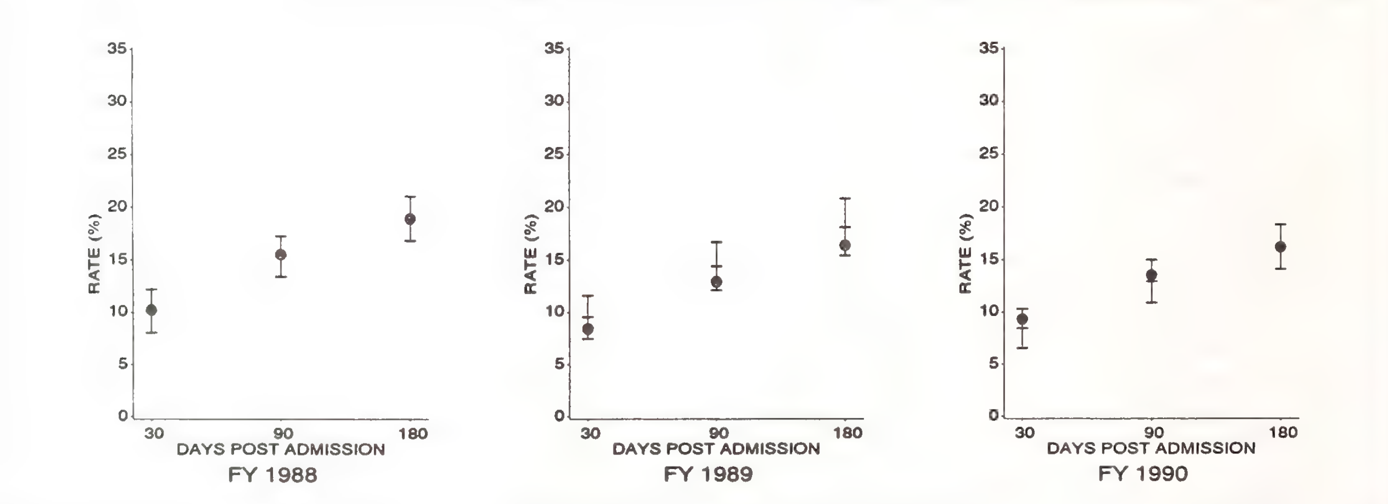
100 HECKEL RD
MCKEES ROCKS, PA 15136
Medicare Provider Number: 390157

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1566	9.3	8.4	0.9	13.5	12.9	1.0	16.2	16.2	1.1
CONDITIONS:										
Acute Myocardial Infarction	37	37.8	25.5	-----	40.5	29.0	-----	45.9	31.8	-----
Congestive Heart Failure	87	11.5	14.5	4.5	20.7	22.7	5.6	31.0	28.7	6.5
Pneumonia/Influenza	54	25.9	18.3	7.8	27.8	25.0	7.0	29.6	29.4	7.7
Chronic Obstructive Pulmonary Disease	47	12.8	8.7	-----	17.0	14.3	-----	19.1	18.8	-----
Transient Cerebral Ischemia	31	0.0	1.8	-----	6.5	4.0	-----	6.5	6.5	-----
Stroke	72	20.8	19.2	5.1	25.0	26.0	5.2	27.8	29.8	5.7
Hip Fracture	39	0.0	5.9	-----	0.0	10.4	-----	0.0	13.4	-----
Sepsis	7	42.9	25.5	-----	42.9	34.6	-----	57.1	40.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	13.3	2.2	-----	20.0	4.7	-----	20.0	7.2	-----
Carotid Endarterectomy	4	0.0	1.2	-----	0.0	2.2	-----	0.0	3.0	-----
Hip Replacement/Reconstruction	21	0.0	3.3	-----	0.0	6.0	-----	0.0	8.1	-----
Open Reduction of Hip Fracture	20	0.0	5.5	-----	0.0	9.5	-----	0.0	12.3	-----
Prostatectomy	52	0.0	1.1	1.7	0.0	2.2	2.6	0.0	3.5	3.6
Cholecystectomy	41	2.4	3.1	-----	2.4	5.7	-----	2.4	7.5	-----
Hysterectomy	11	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



OHIO VALLEY GENERAL HOSPITAL

Medicare Provider Number: 390157

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.8 years	Cancer	5.9 %
Proportion female	55.6 %	Chronic cardiovascular disease	37.6 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.8 %
Referred by personal or HMO physician	25.2 %	Chronic renal disease	1.5 %
Transferred from skilled nursing facility	3.1 %	Chronic pulmonary disease	13.0 %
Admitted for elective procedure	12.2 %	Cerebrovascular degeneration	4.7 %
Admitted for emergency	58.2 %	Diabetes mellitus	14.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	94.8%	Hospital	8.8 Days
State	3.7%	State	9.2 Days
Outside State	1.5%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	122	Burn Unit	No
Occupancy Rate	74.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	49.9 %	Hospice Care	No
Case Mix Index (CMI)	1.1572	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	105	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	81.9 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	121	Rehabilitation	No
Licensed Practical Nurses	29	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

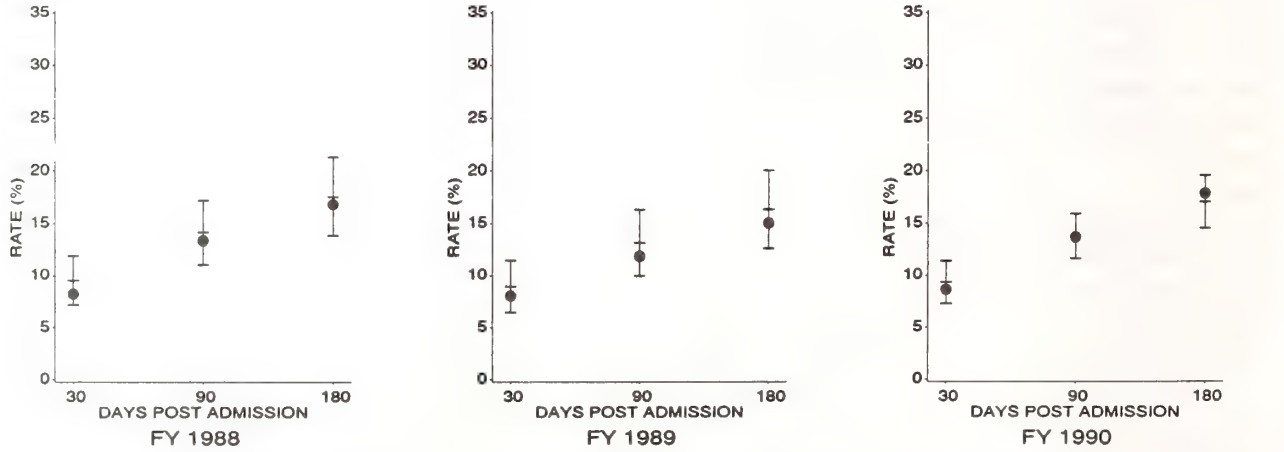
OIL CITY AREA HEALTH CENTER INC
174 EAST BISSELL ST
OIL CITY, PA 16301
Medicare Provider Number: 390171

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1030	8.6	9.3	1.0	13.6	13.7	1.1	17.8	17.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	34	38.2	33.1	-----	44.1	36.2	-----	47.1	39.2	-----
Congestive Heart Failure	58	8.6	15.1	6.8	29.3	23.4	6.9	36.2	29.8	7.3
Pneumonia/Influenza	43	20.9	18.2	-----	27.9	24.5	-----	32.6	28.7	-----
Chronic Obstructive Pulmonary Disease	10	10.0	12.0	-----	30.0	19.3	-----	40.0	24.4	-----
Transient Cerebral Ischemia	25	0.0	1.4	-----	4.0	3.3	-----	8.0	5.5	-----
Stroke	36	25.0	24.0	-----	33.3	30.5	-----	41.7	34.3	-----
Hip Fracture	19	5.3	8.8	-----	15.8	14.3	-----	21.1	17.7	-----
Sepsis	5	20.0	23.5	-----	20.0	29.5	-----	20.0	33.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	4.3	-----	12.5	9.2	-----	37.5	13.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	5.6	-----	0.0	9.4	-----	10.0	12.2	-----
Open Reduction of Hip Fracture	12	8.3	9.3	-----	25.0	15.9	-----	25.0	19.9	-----
Prostatectomy	47	0.0	1.1	-----	2.1	2.5	-----	2.1	4.3	-----
Cholecystectomy	12	0.0	1.9	-----	0.0	3.3	-----	0.0	4.2	-----
Hysterectomy	8	0.0	0.7	-----	0.0	1.7	-----	0.0	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



OIL CITY AREA HEALTH CENTER INC
Medicare Provider Number: 390171

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	73.2 years	Cancer	6.2 %
Proportion female	55.1 %	Chronic cardiovascular disease	40.2 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.5 %
Referred by personal or HMO physician	20.0 %	Chronic renal disease	4.6 %
Transferred from skilled nursing facility	7.7 %	Chronic pulmonary disease	14.8 %
Admitted for elective procedure	11.1 %	Cerebrovascular degeneration	5.6 %
Admitted for emergency	74.1 %	Diabetes mellitus	7.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	81.6%	Hospital	6.9 Days
State	16.9%	State	9.2 Days
Outside State	1.5%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	133	Burn Unit	No
Occupancy Rate	62.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	37.4 %	Hospice Care	No
Case Mix Index (CMI)	1.1166	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	36	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	75.0 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	125	Rehabilitation	No
Licensed Practical Nurses	40	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

PALMERTON HOSPITAL

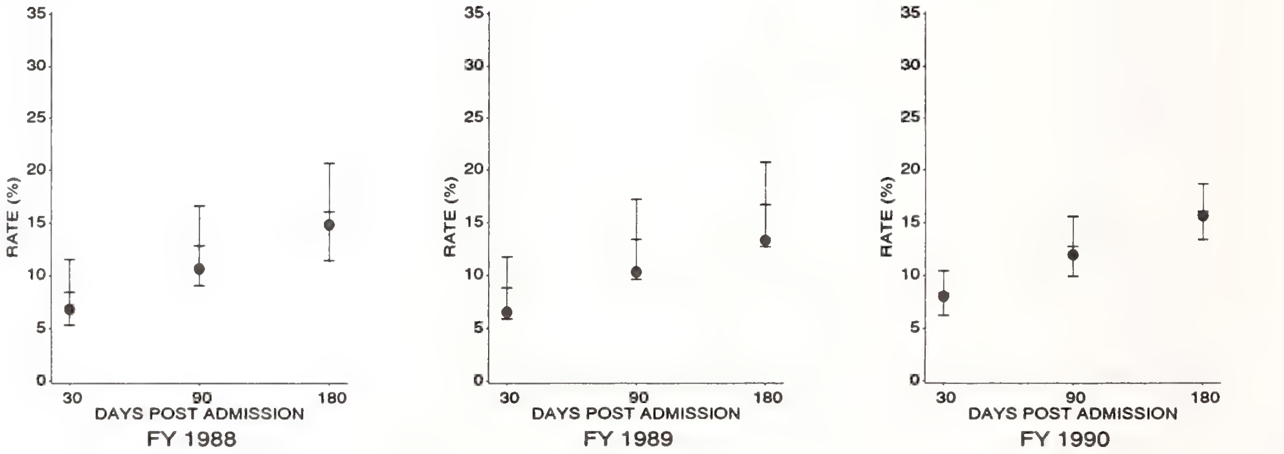
135 LAFAYETTE AVE
PALMERTON, PA 18071
Medicare Provider Number: 390019

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	826	8.0	8.3	1.1	11.9	12.7	1.4	15.6	16.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	30	23.3	24.0	-----	30.0	26.9	-----	30.0	29.9	-----
Congestive Heart Failure	48	25.0	14.0	-----	27.1	22.1	-----	37.5	28.3	-----
Pneumonia/Influenza	43	9.3	11.9	-----	18.6	16.4	-----	18.6	19.6	-----
Chronic Obstructive Pulmonary Disease	11	0.0	8.0	-----	0.0	13.6	-----	9.1	17.7	-----
Transient Cerebral Ischemia	14	0.0	2.2	-----	7.1	5.2	-----	7.1	8.6	-----
Stroke	34	11.8	16.1	-----	14.7	21.9	-----	20.6	25.4	-----
Hip Fracture	14	21.4	6.7	-----	28.6	11.3	-----	35.7	14.5	-----
Sepsis	5	20.0	30.9	-----	20.0	37.2	-----	20.0	41.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	1.6	-----	12.5	3.3	-----	12.5	5.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	1.3	-----	0.0	2.4	-----	0.0	3.4	-----
Open Reduction of Hip Fracture	12	16.7	4.7	-----	25.0	8.7	-----	33.3	11.7	-----
Prostatectomy	39	0.0	1.1	-----	2.6	2.4	-----	2.6	4.1	-----
Cholecystectomy	18	0.0	1.8	-----	0.0	3.6	-----	5.6	5.3	-----
Hysterectomy	13	7.7	0.9	-----	7.7	2.1	-----	7.7	3.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



PALMERTON HOSPITAL
Medicare Provider Number: 390019

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.8 years
Proportion female	50.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	42.6 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	0.0 %
Admitted for emergency	2.9 %

COMORBIDITIES:	
Cancer	6.9 %
Chronic cardiovascular disease	33.9 %
Chronic liver disease	0.8 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	14.6 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	9.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	68.4%
State	30.3%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	70
Occupancy Rate	55.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.7 %
Case Mix Index (CMI)	1.0899
STAFFING:	
Total Number of Physicians	52
Percent of Physicians Board Certified Specialists	51.9 %
Medical Residents/Interns	0
Registered Nurses	57
Licensed Practical Nurses	35

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

PAOLI MEMORIAL HOSPITAL

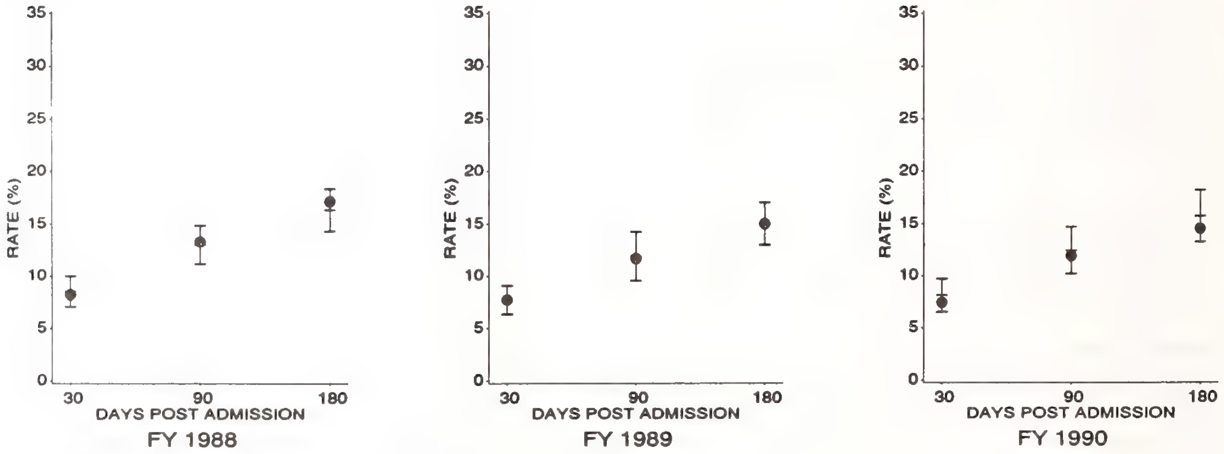
LANCASTER AVE
PAOLI, PA 19301
Medicare Provider Number: 390153

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1625	7.4	8.1	0.8	11.9	12.4	1.1	14.5	15.7	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	20.5	25.2	-----	23.1	27.9	-----	23.1	30.3	-----
Congestive Heart Failure	76	13.2	15.6	4.6	23.7	24.5	5.8	25.0	30.7	7.8
Pneumonia/Influenza	48	8.3	14.6	-----	8.3	19.8	-----	14.6	23.2	-----
Chronic Obstructive Pulmonary Disease	28	7.1	9.0	-----	10.7	15.2	-----	10.7	20.1	-----
Transient Cerebral Ischemia	22	0.0	1.8	-----	4.5	4.0	-----	4.5	6.5	-----
Stroke	39	15.4	19.3	-----	25.6	25.9	-----	30.8	29.6	-----
Hip Fracture	47	6.4	7.4	-----	10.6	12.6	-----	10.6	15.9	-----
Sepsis	23	17.4	29.2	-----	21.7	39.1	-----	34.8	44.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	13	0.0	2.9	-----	0.0	5.4	-----	7.7	8.0	-----
Carotid Endarterectomy	3	33.3	1.0	-----	33.3	1.8	-----	33.3	2.5	-----
Hip Replacement/Reconstruction	35	5.7	3.5	-----	8.6	6.4	-----	8.6	8.2	-----
Open Reduction of Hip Fracture	21	4.8	7.2	-----	9.5	13.0	-----	9.5	16.9	-----
Prostatectomy	61	0.0	1.0	1.5	0.0	2.1	2.6	0.0	3.6	3.9
Cholecystectomy	31	3.2	4.0	-----	9.7	6.8	-----	12.9	8.8	-----
Hysterectomy	7	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

PAOLI MEMORIAL HOSPITAL

Medicare Provider Number: 390153

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.9 years
Proportion female	58.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	23.4 %
Admitted for emergency	58.3 %

COMORBIDITIES:

Cancer	8.4 %
Chronic cardiovascular disease	39.5 %
Chronic liver disease	0.9 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	13.2 %
Cerebrovascular degeneration	3.4 %
Diabetes mellitus	4.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	74.4%
State	19.9%
Outside State	5.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	180
Occupancy Rate	66.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.3 %
Case Mix Index (CMI)	1.1709

STAFFING:

Total Number of Physicians	131
Percent of Physicians Board Certified Specialists	91.6 %
Medical Residents/Interns	0
Registered Nurses	206
Licensed Practical Nurses	10

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

PENNSYLVANIA HOSPITAL

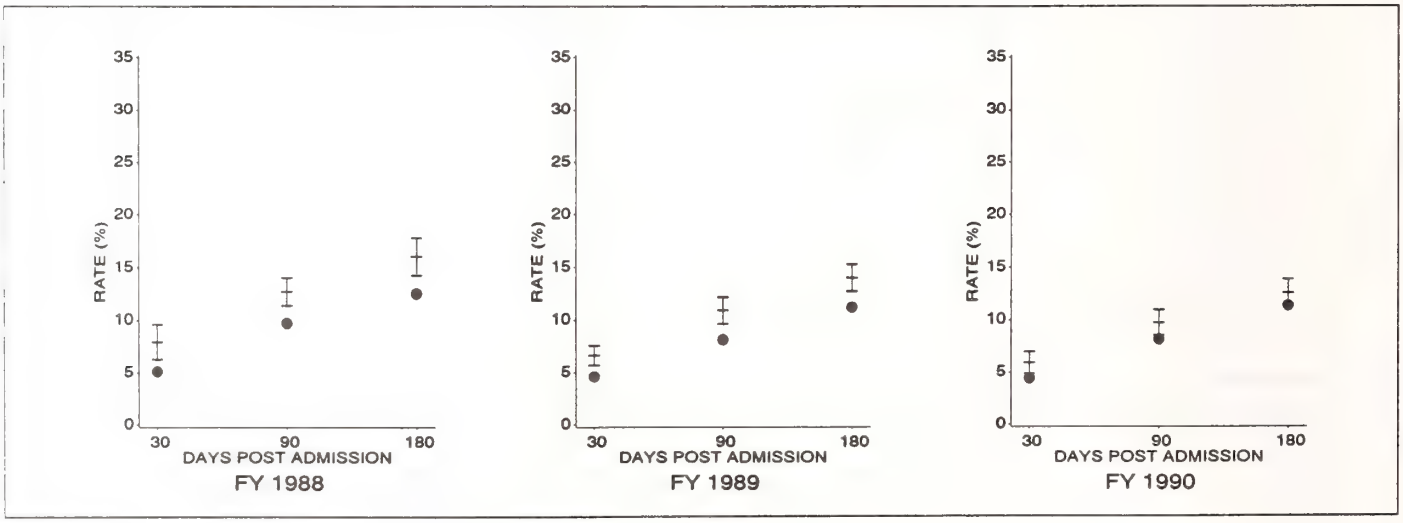
8TH & SPRUCE STS
PHILADELPHIA, PA 19107
Medicare Provider Number: 390226

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3529	4.4	5.9	0.5	8.1	9.7	0.6	11.3	12.5	0.6
CONDITIONS:										
Acute Myocardial Infarction	28	17.9	24.8	-----	25.0	28.3	-----	35.7	31.1	-----
Congestive Heart Failure	130	6.2	13.3	4.4	13.1	21.7	5.4	21.5	28.1	6.1
Pneumonia/Influenza	51	5.9	17.7	7.9	13.7	24.2	8.7	21.6	28.2	8.0
Chronic Obstructive Pulmonary Disease	21	23.8	13.7	-----	28.6	23.4	-----	38.1	29.8	-----
Transient Cerebral Ischemia	22	4.5	1.6	-----	9.1	3.3	-----	9.1	5.2	-----
Stroke	55	12.7	19.1	9.4	20.0	24.9	7.3	23.6	28.4	7.2
Hip Fracture	44	2.3	6.7	-----	11.4	12.0	-----	13.6	15.5	-----
Sepsis	13	38.5	32.9	-----	53.8	42.1	-----	61.5	47.3	-----
PROCEDURES:										
Angioplasty	13	0.0	5.8	-----	0.0	7.0	-----	0.0	8.1	-----
Coronary Artery Bypass Graft	48	6.3	6.8	-----	12.5	9.8	-----	14.6	11.0	-----
Initial Pacemaker Insertion	17	0.0	4.5	-----	0.0	7.9	-----	0.0	10.4	-----
Carotid Endarterectomy	24	0.0	1.4	-----	0.0	2.5	-----	0.0	3.6	-----
Hip Replacement/Reconstruction	322	0.0	1.0	0.8	1.2	1.8	1.0	2.2	2.5	1.1
Open Reduction of Hip Fracture	26	3.8	6.6	-----	15.4	11.8	-----	15.4	15.3	-----
Prostatectomy	204	0.5	0.8	0.7	2.0	1.8	0.9	2.9	3.0	1.2
Cholecystectomy	41	0.0	2.2	-----	0.0	3.9	-----	0.0	5.1	-----
Hysterectomy	44	0.0	0.8	-----	0.0	1.9	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

PENNSYLVANIA HOSPITAL
Medicare Provider Number: 390226

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.9 years
Proportion female	53.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	68.6 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	56.2 %
Admitted for emergency	33.5 %

COMORBIDITIES:

Cancer	9.9 %
Chronic cardiovascular disease	36.5 %
Chronic liver disease	0.9 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	11.1 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	6.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	62.6%
State	16.5%
Outside State	20.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	489
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	32.4 %
Case Mix Index (CMI)	1.4983

STAFFING:

Total Number of Physicians	341
Percent of Physicians Board Certified Specialists	87.4 %
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

PHILIPSBURG STATE GENERAL HOSPITAL

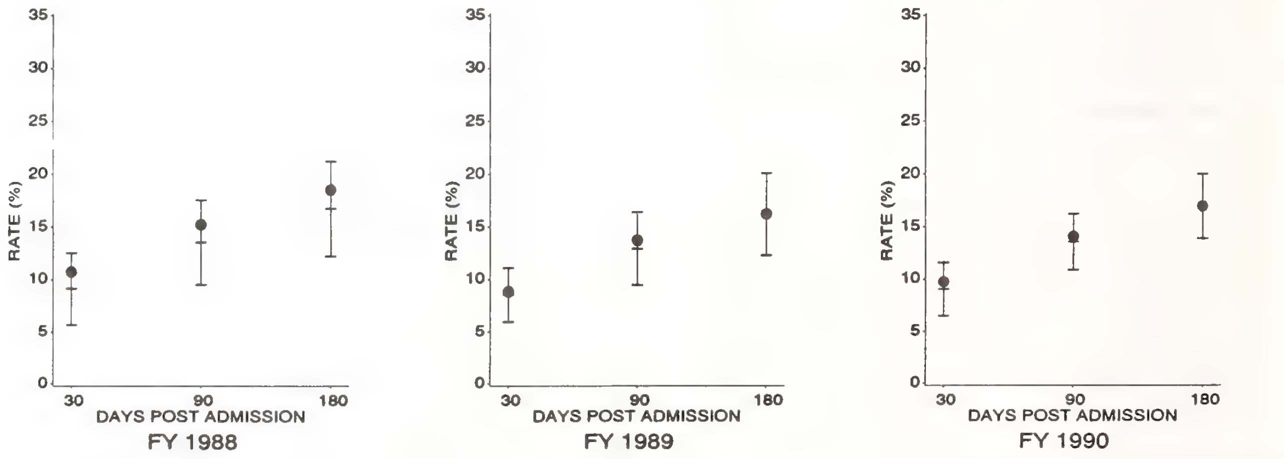
LOCH LOMOND RD
PHILIPSBURG, PA 16866
Medicare Provider Number: 390187

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	751	9.7	9.0	1.3	14.0	13.5	1.3	16.9	16.9	1.5
CONDITIONS:										
Acute Myocardial Infarction	53	20.8	22.9	7.4	22.6	26.0	8.6	26.4	28.8	9.4
Congestive Heart Failure	37	10.8	16.9	-----	18.9	25.7	-----	29.7	31.9	-----
Pneumonia/Influenza	18	16.7	17.6	-----	27.8	24.7	-----	44.4	29.1	-----
Chronic Obstructive Pulmonary Disease	22	4.5	8.2	-----	4.5	14.1	-----	9.1	19.0	-----
Transient Cerebral Ischemia	12	0.0	1.8	-----	0.0	4.0	-----	0.0	6.5	-----
Stroke	26	19.2	22.6	-----	23.1	29.1	-----	23.1	33.1	-----
Hip Fracture	12	8.3	4.6	-----	8.3	8.6	-----	16.7	11.6	-----
Sepsis	10	20.0	23.4	-----	20.0	31.0	-----	20.0	35.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	0.0	1.8	-----	0.0	3.8	-----	0.0	6.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	12.5	2.6	-----	12.5	5.2	-----	25.0	7.2	-----
Open Reduction of Hip Fracture	8	0.0	3.7	-----	0.0	7.0	-----	0.0	9.7	-----
Prostatectomy	32	0.0	1.3	-----	0.0	3.2	-----	3.1	5.5	-----
Cholecystectomy	11	0.0	1.2	-----	0.0	2.1	-----	0.0	2.8	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



PHILIPSBURG STATE GENERAL HOSPITAL
Medicare Provider Number: 390187

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.7 years
Proportion female	55.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	28.9 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	8.7 %
Admitted for emergency	27.0 %

COMORBIDITIES:	
Cancer	6.8 %
Chronic cardiovascular disease	50.1 %
Chronic liver disease	0.9 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	24.2 %
Cerebrovascular degeneration	5.6 %
Diabetes mellitus	10.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	40.4%
State	58.8%
Outside State	0.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	107
Occupancy Rate	36.0 %
Ownership/Control	State Government
Medicare Discharges	51.1 %
Case Mix Index (CMI)	1.1222
STAFFING:	
Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	50.0 %
Medical Residents/Interns	0
Registered Nurses	92
Licensed Practical Nurses	12

** Except for CMI

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

PHOENIXVILLE HOSPITAL

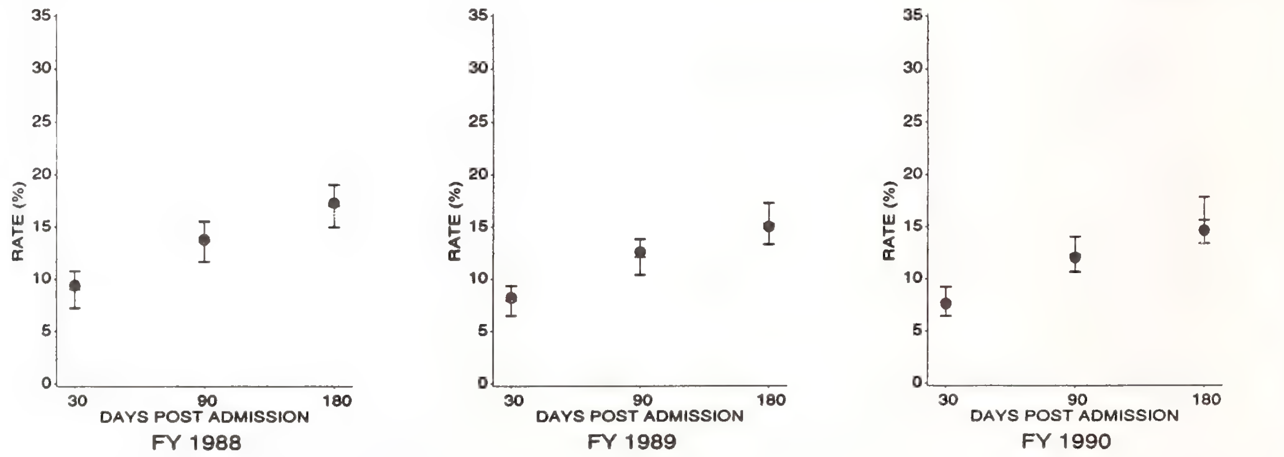
144 NUTT ROAD
PHOENIXVILLE, PA 19460
Medicare Provider Number: 390127

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1560	7.6	7.8	0.7	12.0	12.3	0.8	14.6	15.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	37	32.4	23.3	-----	32.4	26.4	-----	35.1	29.1	-----
Congestive Heart Failure	83	16.9	13.7	5.4	24.1	21.9	5.1	30.1	27.6	5.9
Pneumonia/Influenza	94	7.4	13.9	6.7	14.9	19.0	6.9	16.0	22.7	8.0
Chronic Obstructive Pulmonary Disease	40	5.0	7.4	-----	10.0	13.3	-----	15.0	18.0	-----
Transient Cerebral Ischemia	29	0.0	2.0	-----	3.4	4.4	-----	6.9	6.8	-----
Stroke	51	15.7	15.9	8.5	29.4	23.2	9.5	29.4	27.1	8.9
Hip Fracture	42	0.0	6.1	-----	2.4	10.7	-----	2.4	13.8	-----
Sepsis	17	17.6	22.8	-----	29.4	28.8	-----	29.4	32.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	7	14.3	5.2	-----	28.6	8.6	-----	28.6	10.5	-----
Carotid Endarterectomy	4	0.0	1.4	-----	0.0	2.7	-----	0.0	4.0	-----
Hip Replacement/Reconstruction	26	0.0	4.4	-----	0.0	8.0	-----	0.0	10.4	-----
Open Reduction of Hip Fracture	12	0.0	5.6	-----	8.3	10.0	-----	8.3	13.1	-----
Prostatectomy	48	2.1	1.2	-----	2.1	2.8	-----	2.1	4.8	-----
Cholecystectomy	34	2.9	3.2	-----	2.9	5.9	-----	5.9	7.8	-----
Hysterectomy	10	0.0	0.3	-----	0.0	0.7	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

PHOENIXVILLE HOSPITAL
Medicare Provider Number: 390127

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.6 years
Proportion female	55.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	38.8 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	18.6 %
Admitted for emergency	23.2 %

COMORBIDITIES:	
Cancer	7.7 %
Chronic cardiovascular disease	40.6 %
Chronic liver disease	1.3 %
Chronic renal disease	1.9 %
Chronic pulmonary disease	19.6 %
Cerebrovascular degeneration	1.7 %
Diabetes mellitus	7.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	57.4%
State	41.1%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	140
Occupancy Rate	65.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.2 %
Case Mix Index (CMI)	1.0972
STAFFING:	
Total Number of Physicians	123
Percent of Physicians Board Certified Specialists	89.4 %
Medical Residents/Interns	0
Registered Nurses	176
Licensed Practical Nurses	9

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

POCONO MEDICAL CENTER

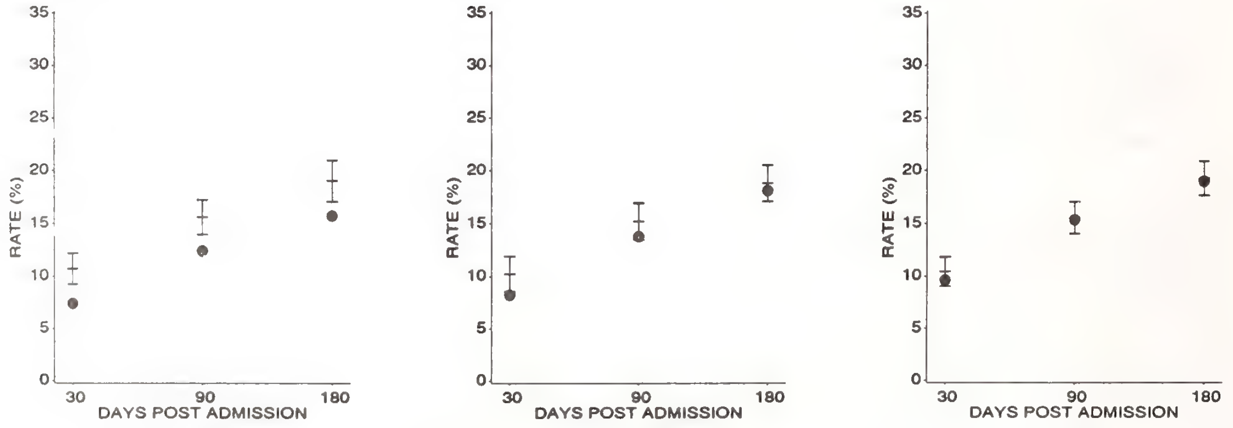
206 E BROWN ST
EAST STROUDSBURG, PA 18301
Medicare Provider Number: 390201

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2416	9.6	10.4	0.7	15.3	15.5	0.7	18.9	19.2	0.8
CONDITIONS:										
Acute Myocardial Infarction	79	27.8	24.8	5.5	27.8	28.2	5.2	31.6	31.0	5.4
Congestive Heart Failure	129	15.5	15.1	3.4	27.1	23.8	5.0	31.0	30.4	5.2
Pneumonia/Influenza	128	11.7	17.4	5.6	19.5	23.8	7.3	22.7	28.0	6.0
Chronic Obstructive Pulmonary Disease	52	15.4	8.3	6.8	21.2	14.5	8.7	21.2	19.5	11.1
Transient Cerebral Ischemia	45	2.2	2.5	-----	6.7	5.2	-----	8.9	8.0	-----
Stroke	166	14.5	19.4	3.8	23.5	26.3	3.7	30.1	30.3	3.9
Hip Fracture	76	3.9	7.9	5.6	11.8	14.2	8.2	13.2	18.3	8.2
Sepsis	28	21.4	25.3	-----	28.6	31.5	-----	35.7	36.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	29	0.0	2.8	-----	0.0	5.8	-----	3.4	8.6	-----
Carotid Endarterectomy	6	0.0	0.9	-----	0.0	1.7	-----	0.0	2.7	-----
Hip Replacement/Reconstruction	46	4.3	3.3	-----	10.9	5.9	-----	13.0	7.8	-----
Open Reduction of Hip Fracture	31	0.0	7.8	-----	6.5	14.8	-----	6.5	19.7	-----
Prostatectomy	141	0.0	1.1	1.1	0.0	2.4	2.0	0.7	4.1	2.5
Cholecystectomy	47	2.1	4.7	-----	10.6	8.8	-----	12.8	11.9	-----
Hysterectomy	13	0.0	1.1	-----	0.0	2.2	-----	0.0	3.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

POCONO MEDICAL CENTER

Medicare Provider Number: 390201

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	50.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	29.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	11.3 %
Admitted for emergency	78.9 %

COMORBIDITIES:

Cancer	8.8 %
Chronic cardiovascular disease	37.7 %
Chronic liver disease	1.2 %
Chronic renal disease	4.0 %
Chronic pulmonary disease	22.5 %
Cerebrovascular degeneration	4.2 %
Diabetes mellitus	7.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	75.8%
State	15.8%
Outside State	8.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	229
Occupancy Rate	84.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.0 %
Case Mix Index (CMI)	1.2856

STAFFING:

Total Number of Physicians	102
Percent of Physicians Board Certified Specialists	79.4 %
Medical Residents/Interns	0
Registered Nurses	302
Licensed Practical Nurses	44

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

PODIATRY HOSPITAL OF PITTSBURGH

215 S NEGLEY AVE
PITTSBURGH, PA 15206
Medicare Provider Number: 390238

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	69	0.0	0.5	-----	0.0	1.1	-----	0.0	1.8	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

PODIATRY HOSPITAL OF PITTSBURGH

Medicare Provider Number: 390238

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	69.5 years
Proportion female	79.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	76.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	69.6 %
Admitted for emergency	0.0 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	0.0 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	0.0 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	1.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	61.9%
State	37.0%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	2.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	13
Occupancy Rate	23.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	18.0 %
Case Mix Index (CMI)	0.9673

STAFFING:

Total Number of Physicians	104
Percent of Physicians Board Certified Specialists	49.0 %
Medical Residents/Interns	0
Registered Nurses	22
Licensed Practical Nurses	6

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

POLYCLINIC MEDICAL CENTER

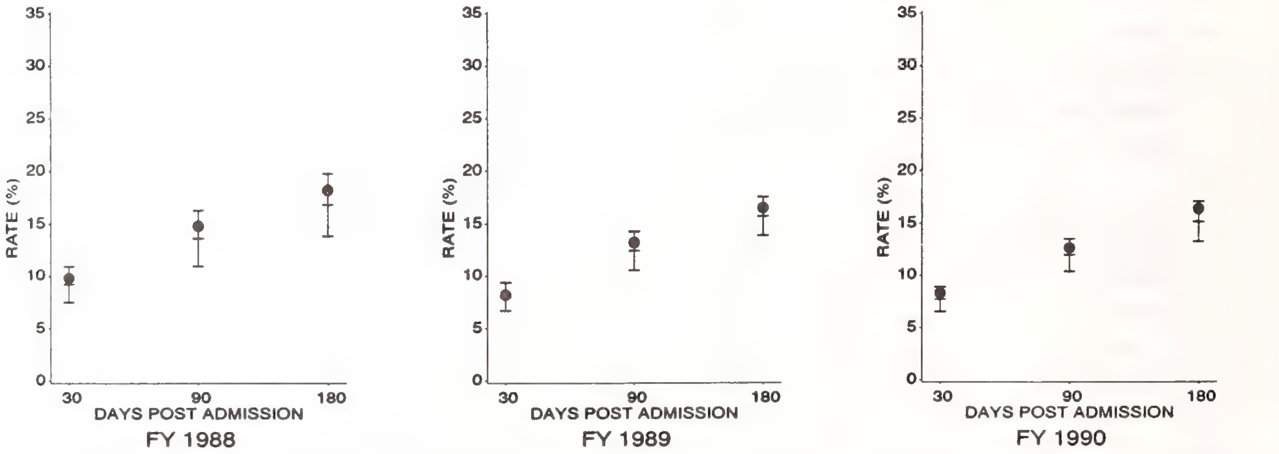
2601 NORTH THIRD STREET
HARRISBURG, PA 17105
Medicare Provider Number: 390067

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2879	8.3	7.7	0.6	12.6	11.9	0.8	16.3	15.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	86	30.2	25.2	7.5	32.6	27.7	8.7	37.2	30.2	9.0
Congestive Heart Failure	157	14.6	13.9	3.5	26.8	22.0	4.5	37.6	28.1	5.3
Pneumonia/Influenza	90	18.9	13.7	6.5	24.4	19.0	6.0	26.7	22.7	5.5
Chronic Obstructive Pulmonary Disease	34	14.7	8.4	-----	23.5	14.9	-----	23.5	19.3	-----
Transient Cerebral Ischemia	47	0.0	1.6	-----	0.0	3.6	-----	4.3	5.9	-----
Stroke	105	25.7	18.7	6.5	33.3	25.2	6.7	35.2	29.3	6.2
Hip Fracture	67	7.5	6.2	3.2	9.0	11.3	4.1	10.4	14.9	4.8
Sepsis	21	23.8	24.4	-----	38.1	35.2	-----	42.9	41.3	-----
PROCEDURES:										
Angioplasty	69	0.0	2.1	-----	0.0	2.7	-----	0.0	3.4	-----
Coronary Artery Bypass Graft	109	5.5	5.7	2.2	8.3	8.1	2.9	9.2	9.1	3.3
Initial Pacemaker Insertion	29	6.9	3.3	-----	10.3	6.2	-----	13.8	8.8	-----
Carotid Endarterectomy	14	0.0	1.1	-----	0.0	2.0	-----	0.0	3.0	-----
Hip Replacement/Reconstruction	47	2.1	2.5	-----	4.3	4.7	-----	8.5	6.3	-----
Open Reduction of Hip Fracture	45	6.7	5.5	-----	8.9	10.2	-----	11.1	13.7	-----
Prostatectomy	72	0.0	1.2	2.0	1.4	2.8	2.4	4.2	4.9	2.8
Cholecystectomy	59	1.7	2.0	2.0	1.7	4.0	3.0	6.8	5.7	4.1
Hysterectomy	25	0.0	1.2	-----	0.0	2.4	-----	0.0	3.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

POLYCLINIC MEDICAL CENTER
Medicare Provider Number: 390067

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	73.4 years	Cancer	8.4 %
Proportion female	54.0 %	Chronic cardiovascular disease	39.5 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.8 %
Referred by personal or HMO physician	39.9 %	Chronic renal disease	3.4 %
Transferred from skilled nursing facility	1.2 %	Chronic pulmonary disease	13.9 %
Admitted for elective procedure	27.4 %	Cerebrovascular degeneration	3.7 %
Admitted for emergency	7.2 %	Diabetes mellitus	8.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	60.6%	Hospital	9.5 Days
State	37.5%	State	9.2 Days
Outside State	1.9%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	476	Burn Unit	No
Occupancy Rate	79.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	32.0 %	Hospice Care	Yes
Case Mix Index (CMI)	1.4858	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	280	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	78.9 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	47	Alcohol/Drug	No
Registered Nurses	365	Rehabilitation	Yes
Licensed Practical Nurses	72	Psychiatric	Yes
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

POTTSTOWN MEMORIAL MEDICAL CENTER

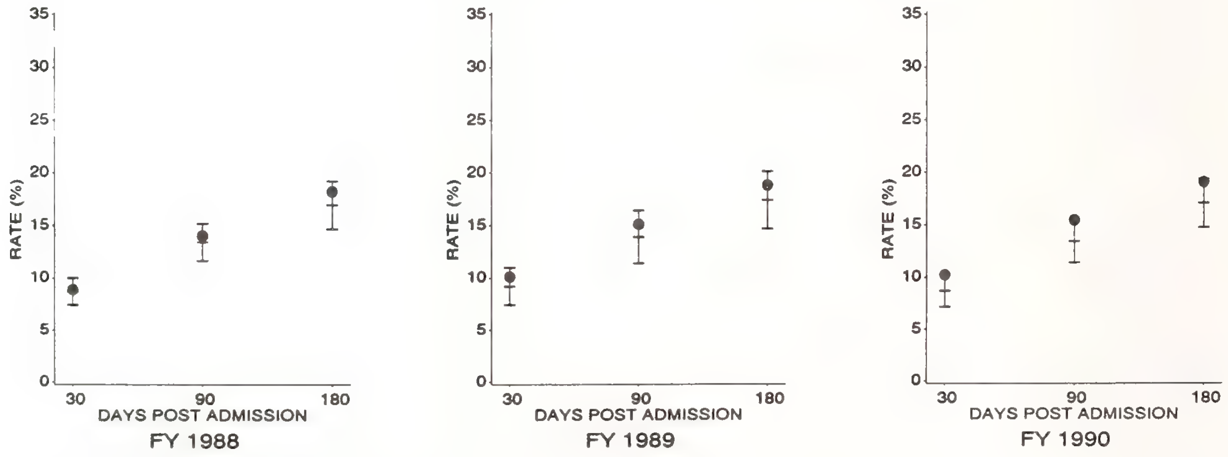
HIGH ST & FIRESTONE RD
POTTSTOWN, PA 19464
Medicare Provider Number: 390123

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2126	10.2	8.7	0.8	15.4	13.4	1.0	19.0	17.0	1.2
CONDITIONS:										
Acute Myocardial Infarction	41	24.4	22.7	-----	29.3	25.4	-----	36.6	27.8	-----
Congestive Heart Failure	136	23.5	15.5	5.8	33.8	24.2	7.0	38.2	30.7	6.8
Pneumonia/Influenza	89	11.2	14.2	4.6	16.9	19.6	6.2	21.3	23.4	5.7
Chronic Obstructive Pulmonary Disease	50	2.0	7.3	-----	10.0	12.9	-----	16.0	17.3	-----
Transient Cerebral Ischemia	67	1.5	1.8	1.7	3.0	4.1	3.0	3.0	6.6	5.8
Stroke	81	12.3	18.8	8.3	18.5	24.8	9.4	22.2	28.3	8.9
Hip Fracture	69	10.1	5.8	4.3	20.3	10.4	6.7	23.2	13.7	7.5
Sepsis	31	16.1	23.7	-----	32.3	32.2	-----	35.5	37.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	19	5.3	3.6	-----	10.5	7.1	-----	15.8	9.8	-----
Carotid Endarterectomy	15	0.0	1.4	-----	0.0	2.7	-----	0.0	4.0	-----
Hip Replacement/Reconstruction	35	8.6	3.7	-----	14.3	7.2	-----	14.3	10.0	-----
Open Reduction of Hip Fracture	43	4.7	5.0	-----	16.3	9.1	-----	18.6	12.3	-----
Prostatectomy	58	1.7	1.5	1.8	5.2	3.4	3.5	5.2	5.6	3.2
Cholecystectomy	39	0.0	2.1	-----	0.0	3.8	-----	0.0	4.9	-----
Hysterectomy	12	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



POTTSTOWN MEMORIAL MEDICAL CENTER

Medicare Provider Number: 390123

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	55.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	40.2 %
Transferred from skilled nursing facility	2.1 %
Admitted for elective procedure	15.8 %
Admitted for emergency	0.5 %

COMORBIDITIES:

Cancer	7.9 %
Chronic cardiovascular disease	34.6 %
Chronic liver disease	1.0 %
Chronic renal disease	2.0 %
Chronic pulmonary disease	16.0 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	73.5%
State	25.1%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	231
Occupancy Rate	66.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.4 %
Case Mix Index (CMI)	1.2381

STAFFING:

Total Number of Physicians	107
Percent of Physicians Board Certified Specialists	84.1 %
Medical Residents/Interns	0
Registered Nurses	256
Licensed Practical Nurses	28

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

POTTSVILLE HOSPITAL-WARNE CLINIC

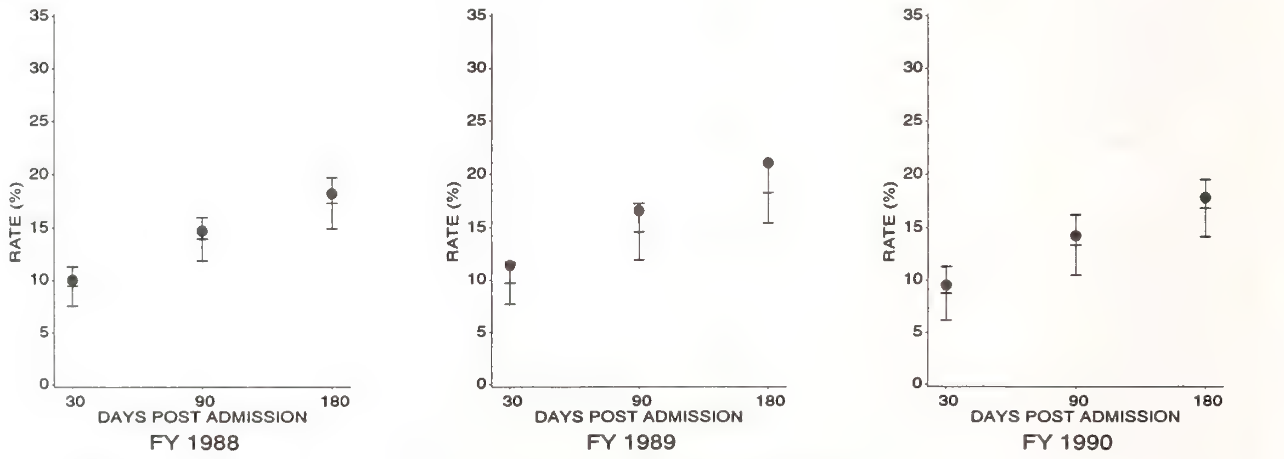
420 S JACKSON ST
POTTSVILLE, PA 17901
Medicare Provider Number: 390030

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1659	9.5	8.7	1.3	14.2	13.3	1.4	17.8	16.8	1.4
CONDITIONS:										
Acute Myocardial Infarction	68	20.6	23.2	5.9	23.5	26.0	6.1	26.5	28.7	5.9
Congestive Heart Failure	155	16.1	13.2	4.4	25.2	21.2	6.8	34.2	27.1	6.6
Pneumonia/Influenza	72	16.7	14.4	5.4	22.2	20.1	6.6	26.4	24.0	8.5
Chronic Obstructive Pulmonary Disease	24	4.2	6.5	-----	12.5	11.8	-----	12.5	16.1	-----
Transient Cerebral Ischemia	57	3.5	1.7	2.0	3.5	3.9	2.6	3.5	6.5	3.7
Stroke	59	23.7	20.1	8.0	33.9	26.4	10.9	35.6	29.8	10.1
Hip Fracture	38	0.0	6.2	-----	5.3	10.9	-----	5.3	14.5	-----
Sepsis	25	20.0	19.9	-----	28.0	27.4	-----	36.0	32.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	0.0	3.7	-----	0.0	6.7	-----	0.0	9.4	-----
Carotid Endarterectomy	6	0.0	3.8	-----	0.0	8.4	-----	16.7	12.4	-----
Hip Replacement/Reconstruction	20	0.0	4.3	-----	0.0	7.5	-----	5.0	9.9	-----
Open Reduction of Hip Fracture	20	0.0	5.8	-----	10.0	10.6	-----	10.0	14.6	-----
Prostatectomy	51	2.0	1.3	1.8	2.0	3.0	2.6	3.9	5.1	3.4
Cholecystectomy	31	0.0	2.2	-----	3.2	4.0	-----	6.5	5.6	-----
Hysterectomy	9	0.0	0.3	-----	0.0	0.7	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



POTTSVILLE HOSPITAL-WARNE CLINIC
Medicare Provider Number: 390030

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	74.6 years	Cancer	6.1 %
Proportion female	56.2 %	Chronic cardiovascular disease	50.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.2 %
Referred by personal or HMO physician	84.8 %	Chronic renal disease	3.6 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	24.4 %
Admitted for elective procedure	9.6 %	Cerebrovascular degeneration	4.8 %
Admitted for emergency	25.3 %	Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	95.1%	Hospital	8.4 Days
State	3.8%	State	9.2 Days
Outside State	1.1%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	181	Burn Unit	No
Occupancy Rate	80.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	49.0 %	Hospice Care	No
Case Mix Index (CMI)	1.1493	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	113	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	69.9 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	168	Rehabilitation	Yes
Licensed Practical Nurses	31	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

PRESBYTERIAN-UNIV HOSPITAL OF PITTSBURGH

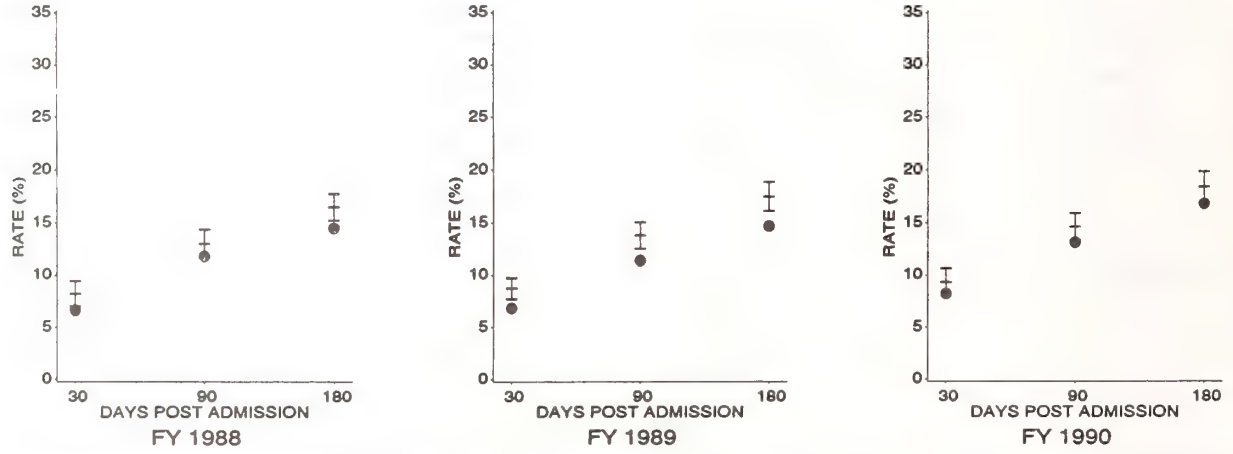
DE SOTO AT O HARA STS
PITTSBURGH, PA 15213
Medicare Provider Number: 390164

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3615	8.2	9.3	0.7	13.1	14.6	0.6	16.8	18.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	85	22.4	27.1	8.5	30.6	30.0	10.4	31.8	32.8	7.9
Congestive Heart Failure	122	13.1	15.4	5.2	27.0	24.3	5.8	32.0	30.7	4.5
Pneumonia/Influenza	64	9.4	15.0	5.8	12.5	20.5	7.5	14.1	24.5	7.9
Chronic Obstructive Pulmonary Disease	38	5.3	8.4	-----	13.2	14.3	-----	15.8	18.8	-----
Transient Cerebral Ischemia	35	2.9	1.6	-----	2.9	3.3	-----	2.9	5.1	-----
Stroke	91	24.2	20.9	4.7	31.9	27.7	5.3	33.0	31.7	5.3
Hip Fracture	34	5.9	6.4	-----	5.9	11.8	-----	8.8	15.6	-----
Sepsis	42	31.0	26.6	-----	47.6	36.8	-----	50.0	42.3	-----
PROCEDURES:										
Angioplasty	66	6.1	4.4	2.9	13.6	5.9	4.7	16.7	7.0	4.6
Coronary Artery Bypass Graft	61	6.6	7.6	3.5	11.5	11.4	4.1	11.5	12.9	4.5
Initial Pacemaker Insertion	9	0.0	2.3	-----	0.0	4.8	-----	0.0	7.5	-----
Carotid Endarterectomy	8	0.0	0.9	-----	12.5	1.7	-----	12.5	2.5	-----
Hip Replacement/Reconstruction	81	1.2	1.9	1.7	2.5	3.8	2.9	3.7	5.3	3.8
Open Reduction of Hip Fracture	18	5.6	5.8	-----	5.6	10.7	-----	11.1	14.2	-----
Prostatectomy	53	0.0	0.9	1.6	1.9	2.3	2.1	1.9	3.9	3.2
Cholecystectomy	55	1.8	4.1	2.9	5.5	8.8	4.6	7.3	12.6	6.0
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



PRESBYTERIAN-UNIV HOSPITAL OF PITTSBURGH

Medicare Provider Number: 390164

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	67.4 years
Proportion female	48.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	44.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	28.1 %
Admitted for emergency	39.9 %

COMORBIDITIES:	
Cancer	12.1 %
Chronic cardiovascular disease	30.8 %
Chronic liver disease	1.8 %
Chronic renal disease	8.2 %
Chronic pulmonary disease	9.1 %
Cerebrovascular degeneration	5.0 %
Diabetes mellitus	10.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	51.4%
State	35.9%
Outside State	12.7%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	583
Occupancy Rate	83.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.2 %
Case Mix Index (CMI)	1.6490
STAFFING:	
Total Number of Physicians	630
Percent of Physicians Board Certified Specialists	87.9 %
Medical Residents/Interns	329
Registered Nurses	1098
Licensed Practical Nurses	27

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

PRESBYTERIAN-UNIV OF PA MEDICAL CENTER

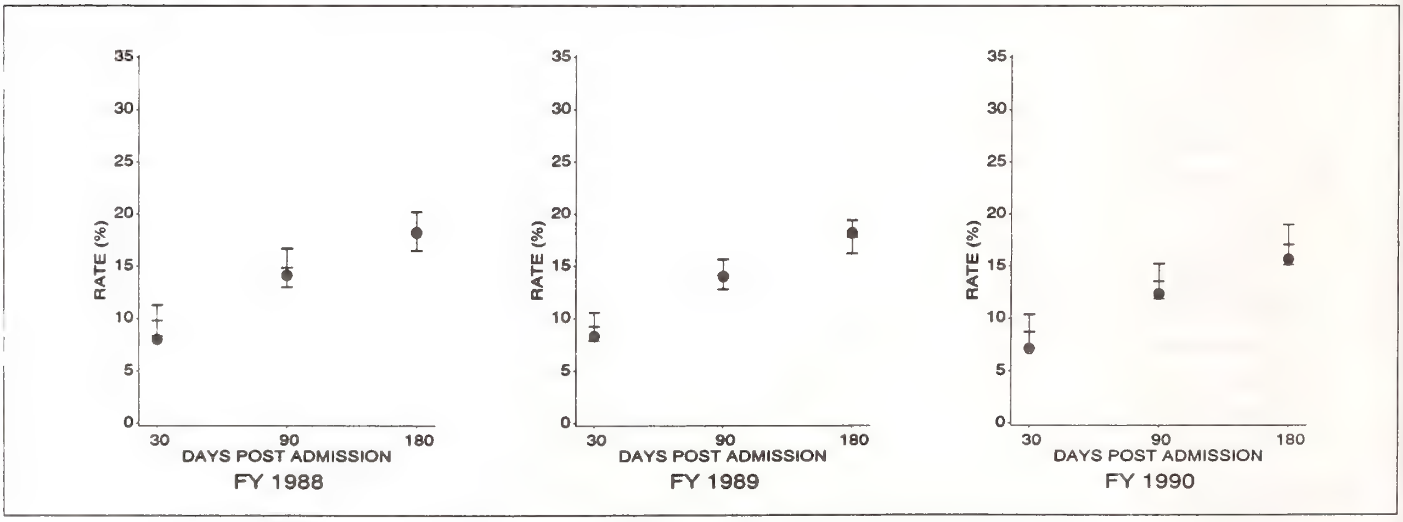
51 N 39TH ST
PHILADELPHIA, PA 19104
Medicare Provider Number: 390223

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2485	7.1	8.7	0.8	12.3	13.5	0.8	15.6	17.0	1.0
CONDITIONS:										
Acute Myocardial Infarction	35	8.6	21.8	-----	17.1	25.6	-----	17.1	28.6	-----
Congestive Heart Failure	164	6.1	14.4	4.1	18.3	23.0	5.3	23.2	29.3	4.3
Pneumonia/Influenza	47	19.1	18.0	-----	23.4	24.9	-----	27.7	29.1	-----
Chronic Obstructive Pulmonary Disease	16	6.3	8.3	-----	12.5	13.4	-----	12.5	17.3	-----
Transient Cerebral Ischemia	24	0.0	1.9	-----	0.0	4.1	-----	8.3	6.5	-----
Stroke	72	13.9	19.3	6.5	19.4	26.9	8.9	25.0	31.1	10.2
Hip Fracture	24	12.5	7.1	-----	16.7	12.5	-----	20.8	15.9	-----
Sepsis	9	66.7	29.5	-----	100.0	38.8	-----	100.0	43.0	-----
PROCEDURES:										
Angioplasty	69	1.4	1.6	1.5	2.9	2.2	1.9	2.9	2.9	2.2
Coronary Artery Bypass Graft	117	2.6	5.6	2.4	3.4	8.6	3.3	3.4	10.1	3.8
Initial Pacemaker Insertion	19	0.0	2.4	-----	5.3	4.9	-----	5.3	7.1	-----
Carotid Endarterectomy	7	0.0	1.4	-----	0.0	2.6	-----	0.0	4.0	-----
Hip Replacement/Reconstruction	16	0.0	3.7	-----	6.3	7.2	-----	6.3	10.0	-----
Open Reduction of Hip Fracture	12	8.3	7.9	-----	8.3	14.1	-----	16.7	17.9	-----
Prostatectomy	37	0.0	0.9	-----	2.7	2.0	-----	2.7	3.4	-----
Cholecystectomy	24	0.0	3.1	-----	0.0	5.8	-----	4.2	7.8	-----
Hysterectomy	2	0.0	1.0	-----	0.0	2.1	-----	0.0	3.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



PRESBYTERIAN-UNIV OF PA MEDICAL CENTER

Medicare Provider Number: 390223

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.8 years
Proportion female	55.4 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	44.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	37.0 %
Admitted for emergency	48.6 %

COMORBIDITIES:

Cancer	9.1 %
Chronic cardiovascular disease	50.9 %
Chronic liver disease	1.3 %
Chronic renal disease	5.3 %
Chronic pulmonary disease	10.9 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	66.9%
State	15.2%
Outside State	17.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	334
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.6 %
Case Mix Index (CMI)	1.5055

STAFFING:

Total Number of Physicians	403
Percent of Physicians Board Certified Specialists	79.7 %
Medical Residents/Interns	102
Registered Nurses	398
Licensed Practical Nurses	34

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

PUNXSUTAWNEY AREA HOSPITAL

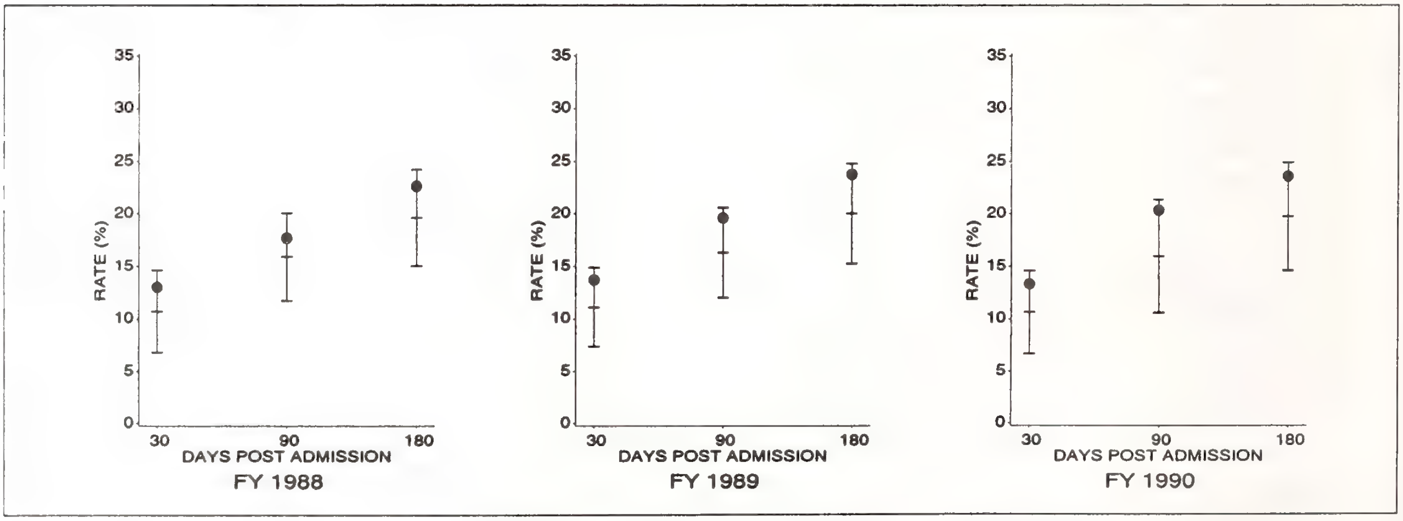
RD 5 & ROUTE 36 NORTH
PUNXSUTAWNEY, PA 15767
Medicare Provider Number: 390199

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	497	13.3	10.6	2.0	20.3	15.9	2.7	23.5	19.7	2.6
CONDITIONS:										
Acute Myocardial Infarction	32	21.9	22.9	-----	28.1	26.0	-----	34.4	29.2	-----
Congestive Heart Failure	35	20.0	15.5	-----	45.7	24.7	-----	51.4	31.6	-----
Pneumonia/Influenza	36	8.3	13.4	-----	11.1	19.1	-----	25.0	22.6	-----
Chronic Obstructive Pulmonary Disease	20	20.0	6.7	-----	35.0	12.2	-----	35.0	16.6	-----
Transient Cerebral Ischemia	3	0.0	1.5	-----	0.0	3.3	-----	0.0	5.5	-----
Stroke	16	18.8	15.1	-----	37.5	22.8	-----	37.5	26.6	-----
Hip Fracture	17	5.9	8.7	-----	17.6	15.0	-----	17.6	18.9	-----
Sepsis	8	25.0	33.0	-----	37.5	39.9	-----	37.5	44.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	5.3	-----	0.0	9.7	-----	0.0	12.4	-----
Open Reduction of Hip Fracture	13	7.7	6.8	-----	23.1	12.0	-----	23.1	15.4	-----
Prostatectomy	17	0.0	1.6	-----	0.0	3.9	-----	0.0	6.7	-----
Cholecystectomy	7	14.3	3.8	-----	14.3	8.4	-----	28.6	12.2	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.3	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

PUNXSUTAWNEY AREA HOSPITAL

Medicare Provider Number: 390199

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.4 years
Proportion female	55.3 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	92.4 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	4.2 %
Admitted for emergency	28.4 %

COMORBIDITIES:	
Cancer	6.0 %
Chronic cardiovascular disease	45.3 %
Chronic liver disease	0.6 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	20.5 %
Cerebrovascular degeneration	3.6 %
Diabetes mellitus	7.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	68.5%
State	30.4%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	69
Occupancy Rate	46.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.9 %
Case Mix Index (CMI)	1.2797
STAFFING:	
Total Number of Physicians	17
Percent of Physicians Board Certified Specialists	52.9 %
Medical Residents/Interns	0
Registered Nurses	58
Licensed Practical Nurses	28

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

QUAKERTOWN HOSPITAL ASSOCIATION

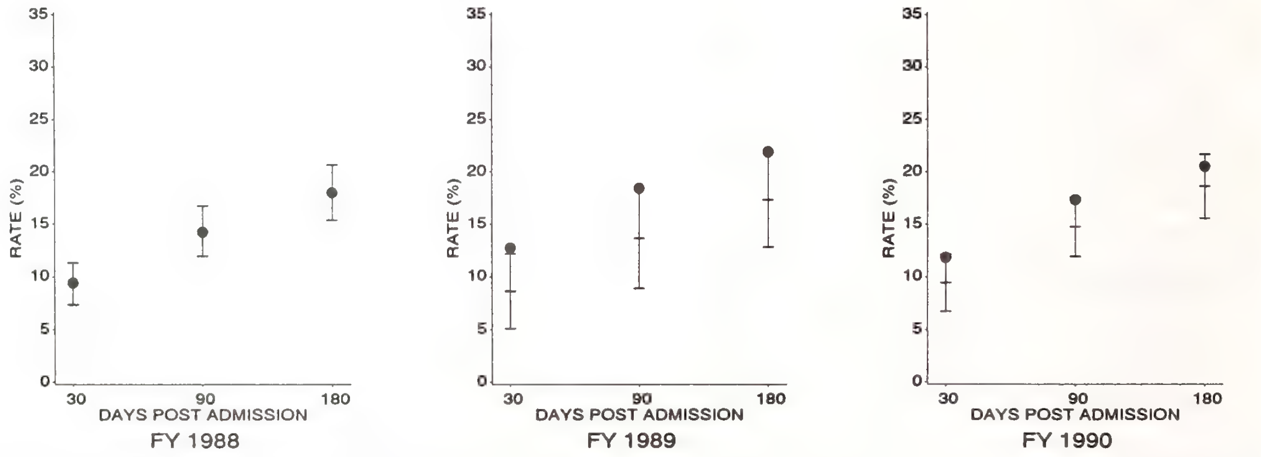
11TH ST & PARK AVE
QUAKERTOWN, PA 18951
Medicare Provider Number: 390035

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	863	11.8	9.4	1.4	17.3	14.7	1.4	20.5	18.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	19	31.6	21.9	-----	31.6	25.3	-----	36.8	28.1	-----
Congestive Heart Failure	54	24.1	14.2	6.7	31.5	23.1	7.3	40.7	29.3	8.5
Pneumonia/Influenza	44	13.6	14.6	-----	18.2	20.4	-----	20.5	24.6	-----
Chronic Obstructive Pulmonary Disease	9	0.0	7.9	-----	0.0	13.9	-----	0.0	17.9	-----
Transient Cerebral Ischemia	23	0.0	2.1	-----	0.0	4.8	-----	4.3	7.9	-----
Stroke	41	26.8	19.4	-----	36.6	26.5	-----	39.0	30.7	-----
Hip Fracture	26	11.5	10.2	-----	19.2	17.9	-----	19.2	22.9	-----
Sepsis	14	21.4	21.8	-----	28.6	28.8	-----	42.9	33.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	2.6	-----	0.0	4.9	-----	0.0	7.3	-----
Carotid Endarterectomy	1	0.0	4.1	-----	0.0	8.4	-----	0.0	11.6	-----
Hip Replacement/Reconstruction	19	5.3	3.0	-----	5.3	6.0	-----	5.3	8.3	-----
Open Reduction of Hip Fracture	15	13.3	12.3	-----	26.7	22.0	-----	26.7	28.5	-----
Prostatectomy	24	0.0	2.2	-----	8.3	5.2	-----	12.5	8.6	-----
Cholecystectomy	19	10.5	2.4	-----	10.5	4.5	-----	15.8	6.1	-----
Hysterectomy	7	0.0	1.5	-----	0.0	3.2	-----	0.0	5.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

QUAKERTOWN HOSPITAL ASSOCIATION
Medicare Provider Number: 390035

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.4 years
Proportion female	55.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	29.3 %
Transferred from skilled nursing facility	3.0 %
Admitted for elective procedure	14.0 %
Admitted for emergency	1.2 %

COMORBIDITIES:	
Cancer	9.4 %
Chronic cardiovascular disease	34.9 %
Chronic liver disease	1.4 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	16.9 %
Cerebrovascular degeneration	7.9 %
Diabetes mellitus	8.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	69.1%
State	28.1%
Outside State	2.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	89
Occupancy Rate	70.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.7 %
Case Mix Index (CMI)	1.3217
STAFFING:	
Total Number of Physicians	103
Percent of Physicians Board Certified Specialists	91.3 %
Medical Residents/Interns	0
Registered Nurses	98
Licensed Practical Nurses	24

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

READING HOSPITAL MEDICAL CENTER

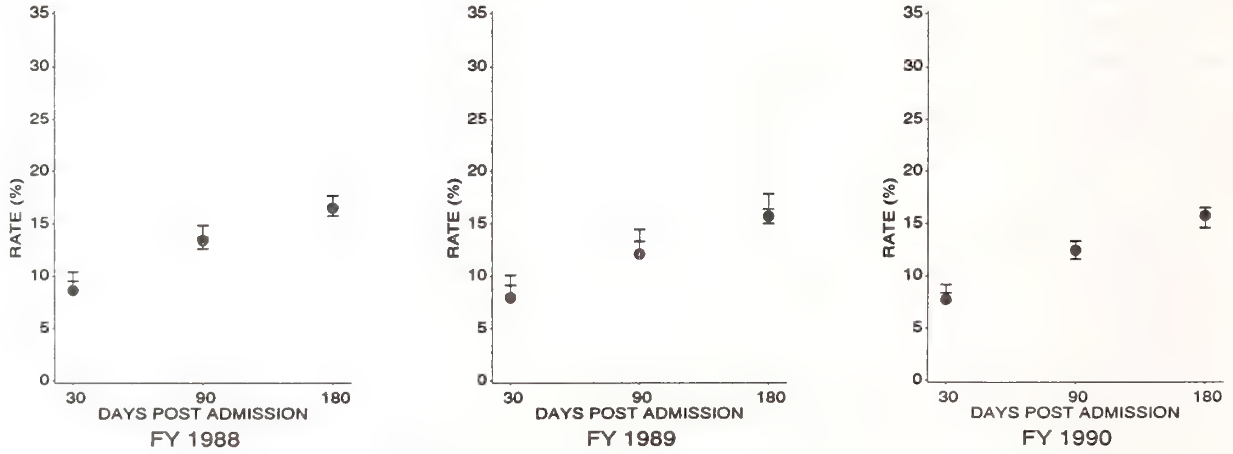
6TH AVE & SPRUCE ST
READING, PA 19603
Medicare Provider Number: 390044

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	6072	7.7	8.3	0.4	12.4	12.4	0.4	15.7	15.5	0.5
CONDITIONS:										
Acute Myocardial Infarction	292	16.8	22.2	3.6	19.9	25.3	3.5	24.0	27.9	3.4
Congestive Heart Failure	220	13.6	13.7	2.6	20.9	21.2	2.8	28.6	26.9	3.5
Pneumonia/Influenza	184	10.3	13.8	3.8	17.4	18.8	3.6	21.7	22.6	3.8
Chronic Obstructive Pulmonary Disease	18	16.7	8.4	-----	22.2	14.0	-----	27.8	18.2	-----
Transient Cerebral Ischemia	120	3.3	1.7	1.6	5.0	3.8	1.9	6.7	6.2	2.3
Stroke	272	19.5	21.8	4.1	26.1	27.8	3.8	29.4	31.6	3.3
Hip Fracture	135	4.4	6.0	2.4	9.6	10.8	3.0	14.1	14.3	3.0
Sepsis	120	15.0	27.2	5.3	25.8	33.8	5.4	29.2	38.2	5.1
PROCEDURES:										
Angioplasty	148	2.0	3.7	3.1	2.7	4.8	3.6	3.4	5.7	3.9
Coronary Artery Bypass Graft	204	4.9	6.9	3.4	7.4	9.6	4.3	7.8	10.7	4.4
Initial Pacemaker Insertion	47	2.1	2.5	-----	2.1	5.2	-----	4.3	7.7	-----
Carotid Endarterectomy	73	1.4	1.3	1.5	1.4	2.3	1.9	4.1	3.4	2.2
Hip Replacement/Reconstruction	152	3.9	2.5	1.7	6.6	4.8	2.0	7.9	6.5	2.2
Open Reduction of Hip Fracture	79	2.5	5.5	3.5	7.6	10.2	4.0	15.2	13.8	4.2
Prostatectomy	186	0.0	1.1	1.1	1.1	2.4	1.4	1.1	4.1	2.4
Cholecystectomy	131	6.1	2.9	2.3	9.2	5.7	2.6	12.2	7.8	3.4
Hysterectomy	65	0.0	0.6	1.2	3.1	1.4	2.1	4.6	2.2	2.7

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



READING HOSPITAL MEDICAL CENTER

Medicare Provider Number: 390044

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	53.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.3 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	26.0 %
Admitted for emergency	17.9 %

COMORBIDITIES:

Cancer	8.3 %
Chronic cardiovascular disease	37.8 %
Chronic liver disease	1.0 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	13.0 %
Cerebrovascular degeneration	3.1 %
Diabetes mellitus	3.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	84.5%
State	14.2%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	520
Occupancy Rate	81.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	39.3 %
Case Mix Index (CMI)	1.4617

STAFFING:

Total Number of Physicians	302
Percent of Physicians Board Certified Specialists	85.8 %
Medical Residents/Interns	44
Registered Nurses	545
Licensed Practical Nurses	149

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

RIDDLE MEMORIAL HOSPITAL

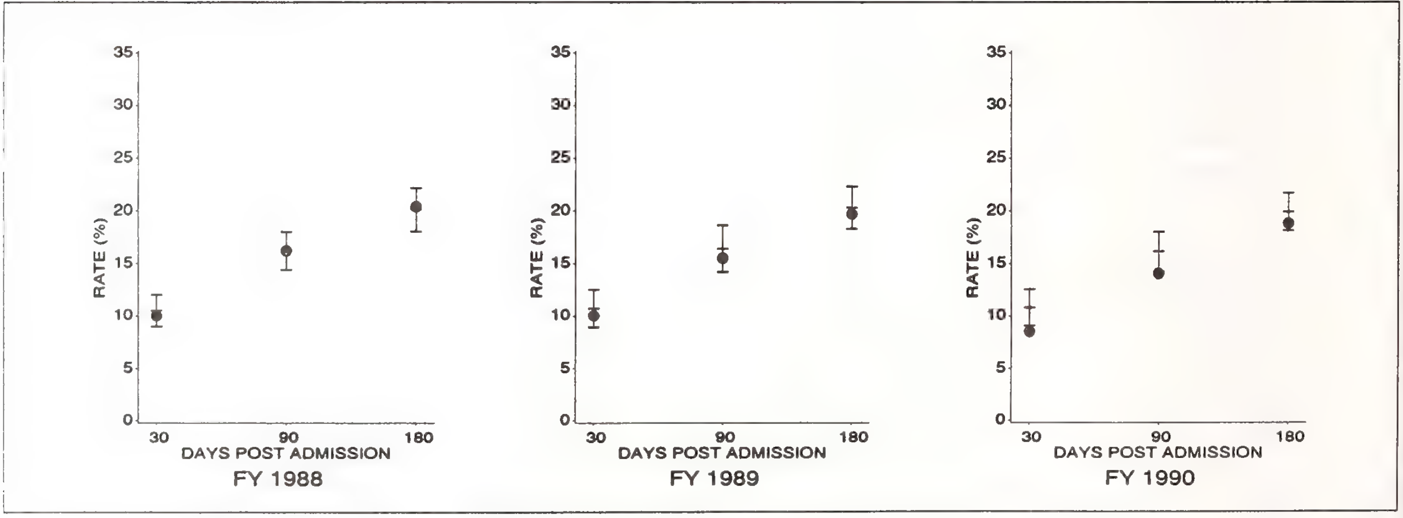
US RT 1
MEDIA, PA 19063
Medicare Provider Number: 390222

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	2525	8.5	10.8	0.9	14.0	16.1	0.9	18.8	19.9	0.9
CONDITIONS:										
Acute Myocardial Infarction	55	18.2	26.9	7.9	21.8	30.7	7.5	25.5	33.6	7.6
Congestive Heart Failure	114	14.0	17.5	5.2	22.8	27.0	7.1	28.9	33.5	8.2
Pneumonia/Influenza	116	19.0	22.6	4.8	30.2	30.7	4.3	40.5	35.0	6.3
Chronic Obstructive Pulmonary Disease	54	11.1	10.3	4.3	18.5	17.8	8.1	25.9	22.6	10.9
Transient Cerebral Ischemia	59	1.7	2.3	2.0	5.1	5.0	2.9	5.1	8.0	4.3
Stroke	109	16.5	20.4	6.3	25.7	27.7	5.9	28.4	31.8	6.1
Hip Fracture	76	5.3	7.2	4.3	10.5	12.7	5.4	17.1	16.4	6.2
Sepsis	67	20.9	32.5	7.7	28.4	40.7	7.8	38.8	45.5	6.9
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	8.7	4.5	-----	17.4	8.8	-----	17.4	12.6	-----
Carotid Endarterectomy	3	0.0	1.2	-----	0.0	2.3	-----	0.0	3.4	-----
Hip Replacement/Reconstruction	37	2.7	2.8	-----	5.4	5.2	-----	10.8	6.9	-----
Open Reduction of Hip Fracture	44	6.8	6.5	-----	11.4	11.7	-----	15.9	15.4	-----
Prostatectomy	103	0.0	0.9	1.1	1.0	2.1	1.7	1.9	3.6	2.4
Cholecystectomy	37	2.7	3.4	-----	5.4	6.1	-----	5.4	7.8	-----
Hysterectomy	16	0.0	0.4	-----	0.0	1.0	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



RIDDLE MEMORIAL HOSPITAL

Medicare Provider Number: 390222

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.9 years	Cancer	6.7 %
Proportion female	61.4 %	Chronic cardiovascular disease	35.6 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.0 %
Referred by personal or HMO physician	35.7 %	Chronic renal disease	2.0 %
Transferred from skilled nursing facility	15.9 %	Chronic pulmonary disease	15.6 %
Admitted for elective procedure	16.5 %	Cerebrovascular degeneration	4.4 %
Admitted for emergency	82.9 %	Diabetes mellitus	5.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	88.5%	Hospital	9.5 Days
State	6.9%	State	9.2 Days
Outside State	4.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	243	Burn Unit	No
Occupancy Rate	70.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	48.1 %	Hospice Care	No
Case Mix Index (CMI)	1.2212	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	234	Other Intensive Care	Yes
Percent of Physicians Board Certified Specialists	67.5 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	213	Alcohol/Drug	No
Licensed Practical Nurses	79	Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

ROBERT PACKER HOSPITAL

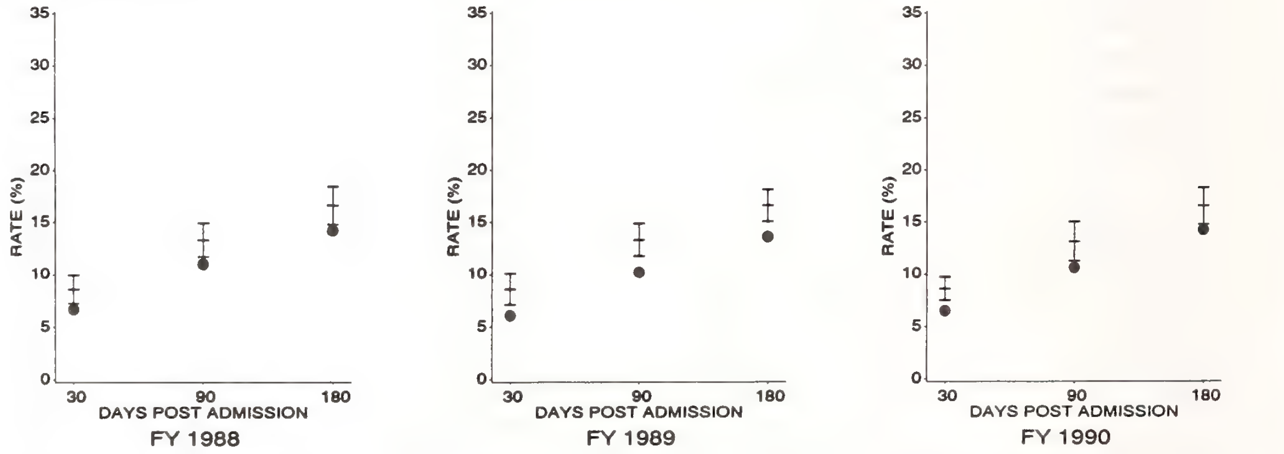
GUTHRIE SQUARE
SAYRE, PA 18840
Medicare Provider Number: 390079

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3126	6.5	8.6	0.6	10.6	13.1	0.9	14.2	16.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	101	15.8	23.0	7.6	17.8	25.8	7.5	21.8	28.3	6.8
Congestive Heart Failure	108	10.2	14.1	6.2	19.4	22.3	6.0	26.9	28.5	4.9
Pneumonia/Influenza	93	7.5	14.0	4.6	12.9	20.2	5.7	18.3	24.3	5.5
Chronic Obstructive Pulmonary Disease	39	7.7	5.7	-----	10.3	10.1	-----	12.8	14.0	-----
Transient Cerebral Ischemia	38	2.6	1.4	-----	2.6	3.2	-----	2.6	5.2	-----
Stroke	95	13.7	16.5	4.6	18.9	22.4	6.8	24.2	25.8	7.1
Hip Fracture	52	1.9	6.3	4.3	1.9	11.2	6.4	9.6	14.7	5.9
Sepsis	16	31.3	27.8	-----	50.0	37.0	-----	62.5	42.1	-----
PROCEDURES:										
Angioplasty	58	1.7	4.4	3.9	1.7	5.7	4.8	1.7	6.7	5.5
Coronary Artery Bypass Graft	129	2.3	6.6	3.0	3.9	9.4	3.7	5.4	10.6	3.8
Initial Pacemaker Insertion	12	8.3	4.0	-----	8.3	7.0	-----	8.3	9.5	-----
Carotid Endarterectomy	30	3.3	1.5	-----	3.3	2.8	-----	3.3	4.2	-----
Hip Replacement/Reconstruction	93	1.1	1.3	1.2	1.1	2.4	1.9	4.3	3.3	2.1
Open Reduction of Hip Fracture	38	2.6	5.2	-----	2.6	9.9	-----	7.9	13.5	-----
Prostatectomy	116	0.9	1.0	1.2	1.7	2.4	2.1	3.4	4.0	2.7
Cholecystectomy	59	0.0	3.3	3.1	1.7	5.8	4.1	6.8	7.6	3.5
Hysterectomy	18	0.0	0.5	-----	0.0	1.1	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ROBERT PACKER HOSPITAL
Medicare Provider Number: 390079

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	72.9 years
Proportion female	48.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	0.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	37.3 %
Admitted for emergency	13.6 %

COMORBIDITIES:	
Cancer	9.4 %
Chronic cardiovascular disease	35.2 %
Chronic liver disease	1.1 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	14.5 %
Cerebrovascular degeneration	2.7 %
Diabetes mellitus	5.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	27.4%
State	22.0%
Outside State	50.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	366
Occupancy Rate	67.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.2 %
Case Mix Index (CMI)	1.6418
STAFFING:	
Total Number of Physicians	128
Percent of Physicians Board Certified Specialists	89.8 %
Medical Residents/Interns	44
Registered Nurses	389
Licensed Practical Nurses	53

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ROLLING HILL HOSPITAL

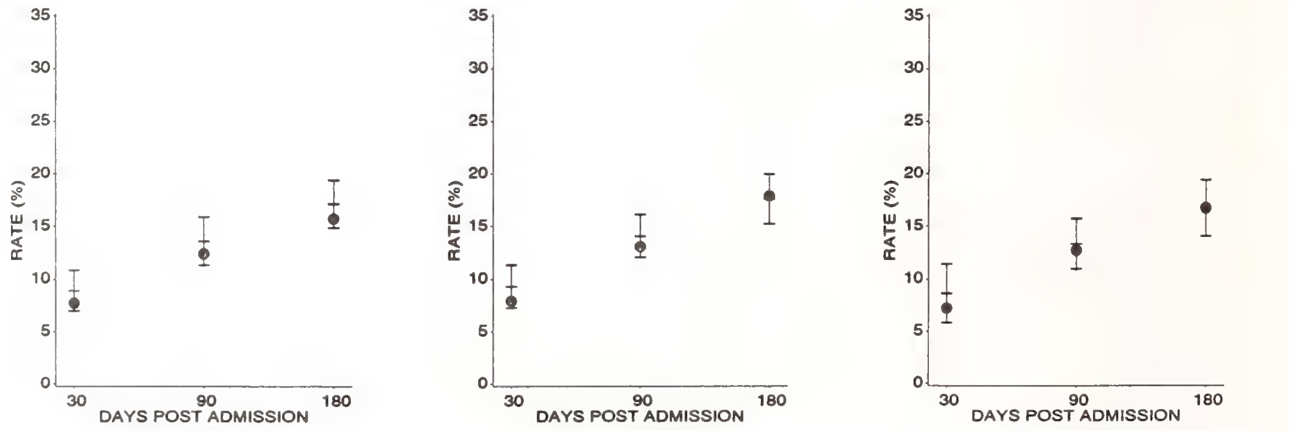
60 E TOWNSHIP LINE
ELKINS PARK, PA 19117
Medicare Provider Number: 390007

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1683	7.2	8.6	1.4	12.7	13.3	1.2	16.7	16.7	1.3
CONDITIONS:										
Acute Myocardial Infarction	56	14.3	21.7	6.7	14.3	25.8	7.6	17.9	28.8	8.5
Congestive Heart Failure	114	11.4	15.8	4.9	21.9	25.0	5.3	30.7	31.7	7.7
Pneumonia/Influenza	83	19.3	16.9	6.1	26.5	23.1	8.2	33.7	27.0	9.4
Chronic Obstructive Pulmonary Disease	22	13.6	6.6	-----	18.2	11.8	-----	18.2	16.0	-----
Transient Cerebral Ischemia	41	0.0	1.8	-----	2.4	4.1	-----	7.3	6.8	-----
Stroke	59	15.3	21.7	9.0	28.8	30.2	7.4	30.5	34.5	7.1
Hip Fracture	31	6.5	6.3	-----	9.7	11.0	-----	19.4	14.2	-----
Sepsis	13	38.5	32.7	-----	38.5	41.0	-----	38.5	45.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	3.1	-----	6.3	6.3	-----	6.3	9.3	-----
Carotid Endarterectomy	6	0.0	1.2	-----	0.0	2.3	-----	0.0	3.5	-----
Hip Replacement/Reconstruction	14	7.1	5.6	-----	7.1	10.0	-----	14.3	13.3	-----
Open Reduction of Hip Fracture	12	0.0	4.4	-----	0.0	8.0	-----	8.3	10.8	-----
Prostatectomy	101	0.0	0.8	1.1	1.0	1.7	1.5	2.0	2.9	1.9
Cholecystectomy	24	4.2	2.3	-----	4.2	4.0	-----	4.2	5.0	-----
Hysterectomy	20	0.0	0.3	-----	5.0	0.7	-----	5.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ROLLING HILL HOSPITAL
Medicare Provider Number: 390007

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	56.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	35.4 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	24.8 %
Admitted for emergency	74.3 %

COMORBIDITIES:

Cancer	8.3 %
Chronic cardiovascular disease	39.9 %
Chronic liver disease	1.1 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	12.5 %
Cerebrovascular degeneration	3.0 %
Diabetes mellitus	8.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	0.0%
State	97.2%
Outside State	2.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	222
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	36.7 %
Case Mix Index (CMI)	1.1820

STAFFING:

Total Number of Physicians	460
Percent of Physicians Board Certified Specialists	61.1 %
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

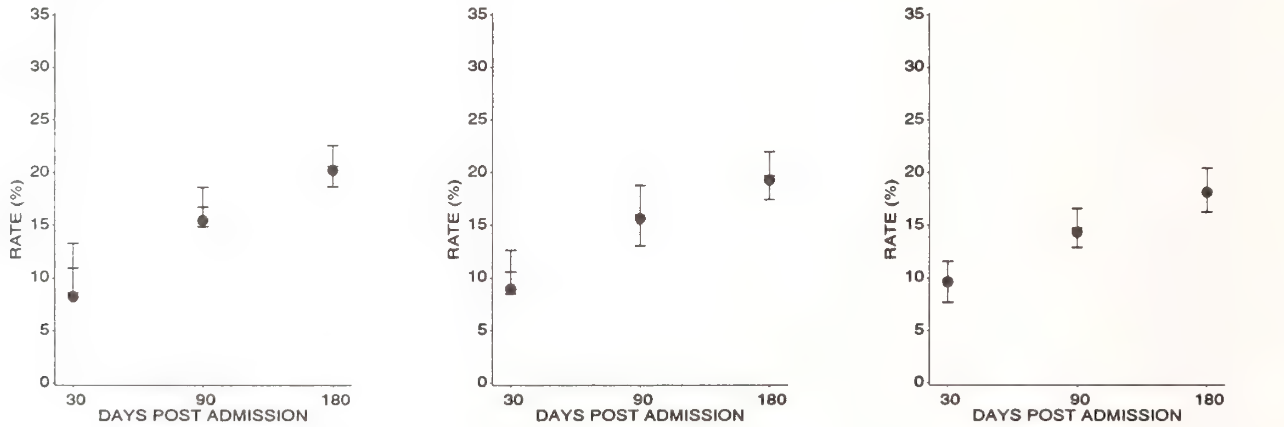
ROXBOROUGH MEMORIAL HOSPITAL
5800 RIDGE AVENUE
PHILADELPHIA, PA 19128
Medicare Provider Number: 390135

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1744	9.6	9.6	1.0	14.3	14.7	0.9	18.1	18.3	1.1
CONDITIONS:										
Acute Myocardial Infarction	55	27.3	21.2	6.7	34.5	25.3	7.4	34.5	28.4	7.0
Congestive Heart Failure	115	11.3	14.5	6.4	20.0	23.5	6.6	28.7	30.0	5.8
Pneumonia/Influenza	96	11.5	15.2	4.2	21.9	21.1	4.2	24.0	24.9	4.7
Chronic Obstructive Pulmonary Disease	67	4.5	8.3	4.7	11.9	14.6	4.9	17.9	19.4	5.0
Transient Cerebral Ischemia	59	0.0	1.4	2.7	3.4	3.3	2.5	5.1	5.4	3.0
Stroke	102	23.5	19.1	4.8	27.5	25.9	4.5	32.4	29.7	4.8
Hip Fracture	34	8.8	6.4	-----	14.7	11.5	-----	14.7	14.8	-----
Sepsis	25	36.0	26.1	-----	44.0	34.4	-----	48.0	39.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	2.7	-----	12.5	5.0	-----	12.5	7.2	-----
Carotid Endarterectomy	10	0.0	1.3	-----	0.0	2.4	-----	0.0	3.5	-----
Hip Replacement/Reconstruction	25	4.0	5.0	-----	12.0	9.3	-----	12.0	12.3	-----
Open Reduction of Hip Fracture	17	11.8	4.9	-----	11.8	8.9	-----	11.8	11.7	-----
Prostatectomy	35	0.0	1.4	-----	0.0	3.2	-----	0.0	5.2	-----
Cholecystectomy	22	9.1	2.7	-----	9.1	5.0	-----	9.1	6.7	-----
Hysterectomy	14	0.0	0.2	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ROXBOROUGH MEMORIAL HOSPITAL

Medicare Provider Number: 390135

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.8 years
Proportion female	61.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	37.6 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	12.4 %
Admitted for emergency	80.6 %

COMORBIDITIES:

Cancer	7.6 %
Chronic cardiovascular disease	35.8 %
Chronic liver disease	1.4 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	18.9 %
Cerebrovascular degeneration	5.3 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.2%
State	7.6%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	154
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	52.6 %
Case Mix Index (CMI)	1.2378

STAFFING:

Total Number of Physicians	130
Percent of Physicians Board Certified Specialists	71.5 %
Medical Residents/Interns	0
Registered Nurses	149
Licensed Practical Nurses	10

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

SACRED HEART HOSPITAL

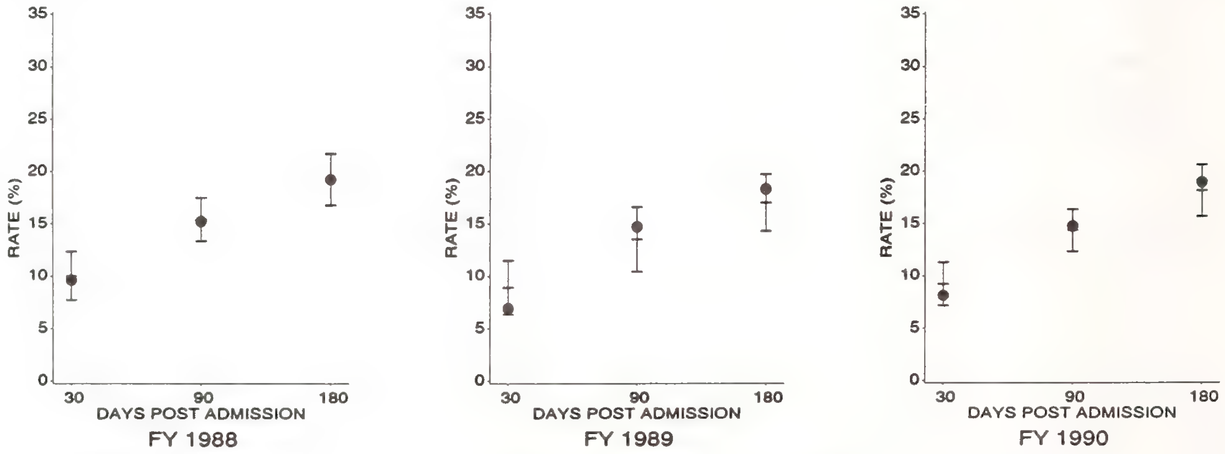
9TH & WILSON STS
CHESTER, PA 19013
Medicare Provider Number: 390148

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1234	8.1	9.2	1.0	14.7	14.3	1.0	18.9	18.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	25	28.0	28.7	-----	36.0	31.5	-----	44.0	34.2	-----
Congestive Heart Failure	85	11.8	15.6	5.1	20.0	24.9	5.6	23.5	31.8	7.3
Pneumonia/Influenza	58	19.0	18.2	5.2	27.6	24.4	5.9	27.6	28.4	6.2
Chronic Obstructive Pulmonary Disease	48	2.1	7.7	-----	8.3	14.1	-----	12.5	19.1	-----
Transient Cerebral Ischemia	20	0.0	1.6	-----	0.0	3.7	-----	5.0	6.0	-----
Stroke	45	8.9	15.3	-----	15.6	21.3	-----	22.2	25.0	-----
Hip Fracture	22	0.0	4.6	-----	4.5	8.3	-----	9.1	10.8	-----
Sepsis	18	27.8	28.2	-----	50.0	37.2	-----	66.7	42.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	1.4	-----	20.0	2.8	-----	20.0	4.6	-----
Carotid Endarterectomy	3	0.0	0.7	-----	0.0	1.3	-----	0.0	2.1	-----
Hip Replacement/Reconstruction	8	0.0	4.7	-----	25.0	8.3	-----	37.5	10.6	-----
Open Reduction of Hip Fracture	14	0.0	3.6	-----	0.0	6.9	-----	0.0	9.4	-----
Prostatectomy	24	4.2	1.8	-----	12.5	4.3	-----	12.5	7.2	-----
Cholecystectomy	18	0.0	2.7	-----	11.1	5.3	-----	16.7	7.5	-----
Hysterectomy	3	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SACRED HEART HOSPITAL

Medicare Provider Number: 390148

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.3 years
Proportion female	56.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	27.3 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	12.9 %
Admitted for emergency	66.5 %

COMORBIDITIES:

Cancer	7.5 %
Chronic cardiovascular disease	30.9 %
Chronic liver disease	1.4 %
Chronic renal disease	2.8 %
Chronic pulmonary disease	20.3 %
Cerebrovascular degeneration	6.8 %
Diabetes mellitus	9.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.6%
State	2.6%
Outside State	8.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	250
Ownership/Control	Church
Case Mix Index (CMI)	1.1262

STAFFING:

Medical Residents/Interns	7
Registered Nurses	133
Licensed Practical Nurses	19

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	Yes
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SACRED HEART HOSPITAL

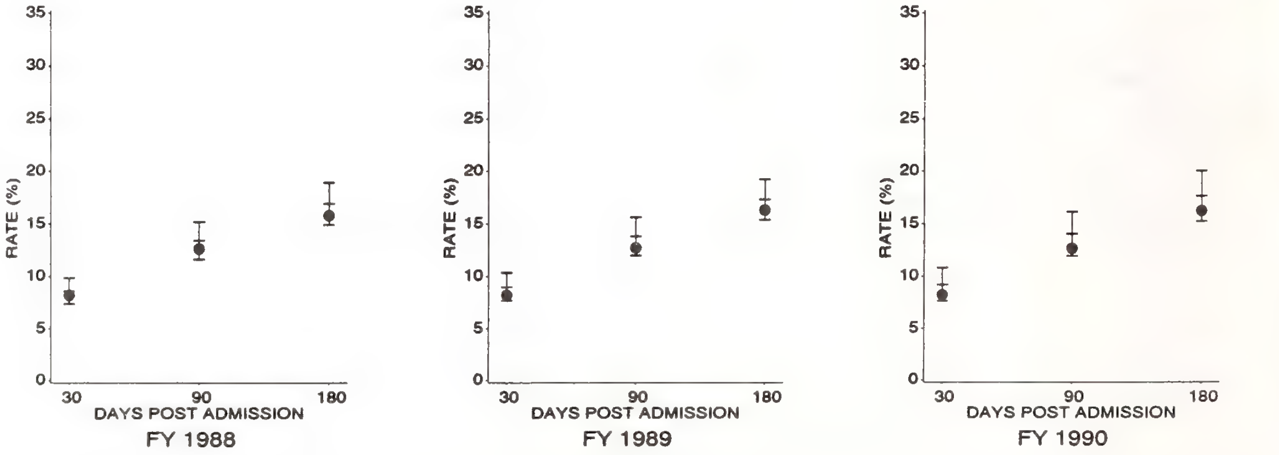
421 CHEW ST
ALLENTOWN, PA 18102
Medicare Provider Number: 390197

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2238	8.2	9.2	0.8	12.6	14.0	1.1	16.2	17.6	1.2
CONDITIONS:										
Acute Myocardial Infarction	51	19.6	25.3	9.6	23.5	28.7	10.8	27.5	31.9	12.4
Congestive Heart Failure	102	10.8	14.6	3.8	15.7	23.0	5.1	22.5	29.1	5.2
Pneumonia/Influenza	64	7.8	16.2	5.9	23.4	22.3	5.8	26.6	26.3	5.5
Chronic Obstructive Pulmonary Disease	46	10.9	10.2	-----	19.6	17.3	-----	23.9	22.1	-----
Transient Cerebral Ischemia	43	0.0	1.8	-----	0.0	4.1	-----	4.7	6.8	-----
Stroke	74	23.0	19.0	5.1	25.7	25.1	5.1	27.0	28.6	5.3
Hip Fracture	39	2.6	6.8	-----	5.1	12.0	-----	10.3	15.7	-----
Sepsis	42	19.0	28.2	-----	26.2	35.5	-----	31.0	40.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	6.3	4.7	-----	6.3	8.1	-----	6.3	11.4	-----
Carotid Endarterectomy	5	0.0	0.8	-----	0.0	1.6	-----	0.0	2.5	-----
Hip Replacement/Reconstruction	29	3.4	4.8	-----	3.4	9.3	-----	6.9	12.6	-----
Open Reduction of Hip Fracture	20	5.0	6.7	-----	10.0	11.9	-----	15.0	15.5	-----
Prostatectomy	45	2.2	1.3	-----	4.4	3.1	-----	6.7	5.0	-----
Cholecystectomy	58	3.4	2.9	2.3	5.2	5.2	2.9	6.9	6.8	3.3
Hysterectomy	17	5.9	1.3	-----	5.9	3.0	-----	11.8	4.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SACRED HEART HOSPITAL

Medicare Provider Number: 390197

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.5 years
Proportion female	59.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	46.7 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	20.6 %
Admitted for emergency	51.3 %

COMORBIDITIES:

Cancer	10.1 %
Chronic cardiovascular disease	35.5 %
Chronic liver disease	1.1 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	15.9 %
Cerebrovascular degeneration	4.2 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	79.4%
State	19.3%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	247
Occupancy Rate	64.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	39.2 %
Case Mix Index (CMI)	1.2737

STAFFING:

Total Number of Physicians	249
Percent of Physicians Board Certified Specialists	72.3 %
Medical Residents/Interns	14
Registered Nurses	237
Licensed Practical Nurses	41

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SACRED HEART HOSPITAL & REHAB CENTER

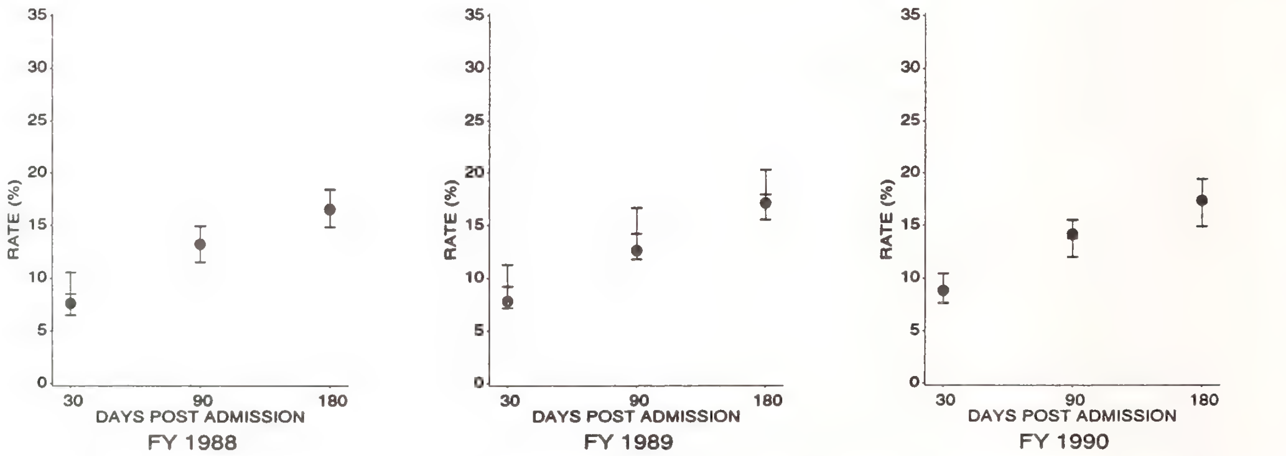
1430 DEKALB ST
NORRISTOWN, PA 19401
Medicare Provider Number: 390159

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1732	8.8	9.0	0.7	14.1	13.7	0.9	17.3	17.1	1.1
CONDITIONS:										
Acute Myocardial Infarction	42	9.5	23.0	-----	11.9	25.7	-----	14.3	28.2	-----
Congestive Heart Failure	98	14.3	15.5	4.3	28.6	25.0	6.6	35.7	31.4	8.4
Pneumonia/Influenza	62	24.2	19.1	7.1	29.0	25.9	7.1	33.9	29.8	7.3
Chronic Obstructive Pulmonary Disease	39	17.9	9.4	-----	30.8	15.8	-----	38.5	20.7	-----
Transient Cerebral Ischemia	24	4.2	1.5	-----	4.2	3.3	-----	4.2	5.4	-----
Stroke	76	18.4	21.1	5.2	28.9	28.1	5.8	30.3	31.8	5.9
Hip Fracture	31	3.2	6.7	-----	6.5	12.2	-----	9.7	15.9	-----
Sepsis	19	26.3	28.2	-----	36.8	37.2	-----	36.8	42.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	2.6	-----	0.0	5.5	-----	6.3	8.0	-----
Carotid Endarterectomy	5	0.0	1.4	-----	0.0	2.4	-----	0.0	3.4	-----
Hip Replacement/Reconstruction	27	0.0	3.9	-----	7.4	7.4	-----	7.4	10.0	-----
Open Reduction of Hip Fracture	14	7.1	7.2	-----	7.1	13.2	-----	14.3	17.2	-----
Prostatectomy	36	0.0	0.6	-----	0.0	1.5	-----	0.0	2.5	-----
Cholecystectomy	33	0.0	3.2	-----	0.0	5.3	-----	0.0	6.6	-----
Hysterectomy	16	0.0	0.4	-----	0.0	1.0	-----	0.0	1.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SACRED HEART HOSPITAL & REHAB CENTER

Medicare Provider Number: 390159

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.4 years
Proportion female	59.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	31.2 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	19.3 %
Admitted for emergency	67.6 %

COMORBIDITIES:

Cancer	7.9 %
Chronic cardiovascular disease	37.8 %
Chronic liver disease	2.0 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	13.9 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	13.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.3%
State	6.7%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	238
Occupancy Rate	60.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.7 %
Case Mix Index (CMI)	1.2135

STAFFING:

Total Number of Physicians	296
Percent of Physicians Board Certified Specialists	60.1 %
Medical Residents/Interns	0
Registered Nurses	237
Licensed Practical Nurses	59

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

* Not used in calculating mortality rates

SEIDLE MEMORIAL HOSPITAL

FILBERT & SIMPSON STS
MECHANICSBURG, PA 17055
Medicare Provider Number: 390014

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2	0.0	0.5	-----	0.0	1.3	-----	0.0	2.3	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

SEIDLE MEMORIAL HOSPITAL

Medicare Provider Number: 390014

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.0 years
Proportion female	50.0 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	100.0 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	50.0 %
Admitted for emergency	50.0 %

COMORBIDITIES:	
Cancer	0.0 %
Chronic cardiovascular disease	0.0 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	0.0 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	0.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	50.0%
State	50.0%
Outside State	0.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	2.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	42
Occupancy Rate	81.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	11.6 %
Case Mix Index (CMI)	0.6305
STAFFING:	
Total Number of Physicians	59
Percent of Physicians Board Certified Specialists	88.1 %
Medical Residents/Interns	0
Registered Nurses	13
Licensed Practical Nurses	4

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

SEWICKLEY VALLEY HOSPITAL

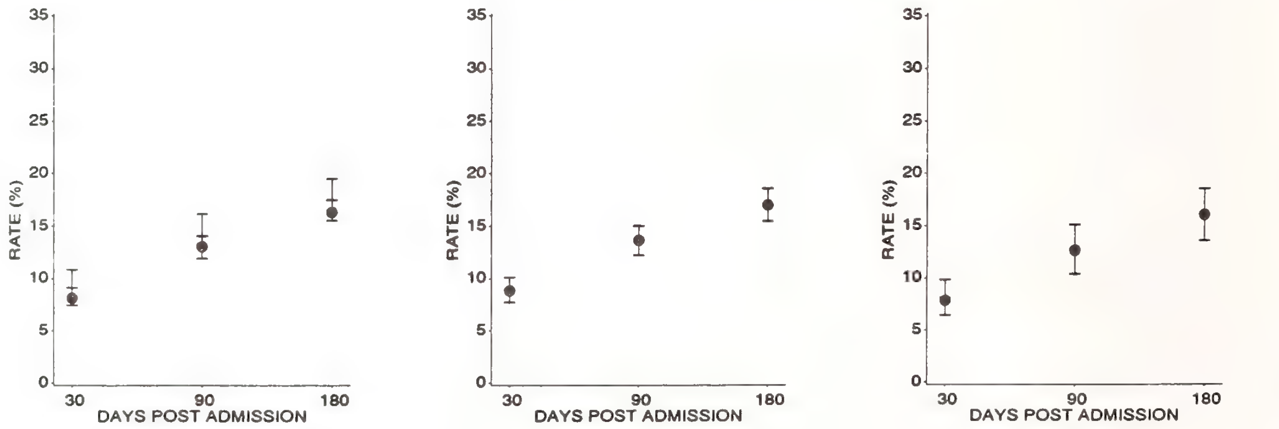
720 BLACKBURN ROAD
SEWICKLEY, PA 15143
Medicare Provider Number: 390037

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	2475	7.8	8.1	0.9	12.6	12.7	1.2	16.0	16.0	1.3
CONDITIONS:										
Acute Myocardial Infarction	71	16.9	21.2	6.3	21.1	23.8	6.8	23.9	26.2	7.1
Congestive Heart Failure	114	9.6	14.5	5.0	18.4	23.0	5.0	23.7	29.1	5.4
Pneumonia/Influenza	101	20.8	16.8	5.2	24.8	23.0	5.2	28.7	27.1	4.7
Chronic Obstructive Pulmonary Disease	68	4.4	5.8	3.1	11.8	10.8	4.1	11.8	15.1	5.1
Transient Cerebral Ischemia	25	4.0	1.5	-----	4.0	3.5	-----	8.0	5.9	-----
Stroke	90	16.7	17.8	4.2	21.1	24.9	5.6	25.6	28.7	6.0
Hip Fracture	67	9.0	6.4	3.7	10.4	11.5	4.0	16.4	14.9	5.9
Sepsis	28	25.0	28.1	-----	35.7	37.3	-----	39.3	42.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	0.0	3.9	-----	0.0	7.9	-----	0.0	11.3	-----
Carotid Endarterectomy	4	0.0	1.1	-----	0.0	2.1	-----	0.0	3.2	-----
Hip Replacement/Reconstruction	72	0.0	2.2	2.2	2.8	4.3	3.3	4.2	5.9	3.6
Open Reduction of Hip Fracture	37	5.4	6.4	-----	5.4	11.7	-----	13.5	15.1	-----
Prostatectomy	62	0.0	0.9	1.4	1.6	2.2	2.3	1.6	3.7	3.4
Cholecystectomy	68	2.9	3.0	2.2	7.4	5.5	3.0	11.8	7.4	3.7
Hysterectomy	28	0.0	0.4	-----	0.0	0.9	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SEWICKLEY VALLEY HOSPITAL
Medicare Provider Number: 390037

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.6 years
Proportion female	56.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	21.8 %
Admitted for emergency	67.2 %

COMORBIDITIES:	
Cancer	9.1 %
Chronic cardiovascular disease	31.7 %
Chronic liver disease	1.2 %
Chronic renal disease	2.2 %
Chronic pulmonary disease	15.4 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	7.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	49.5%
State	48.6%
Outside State	1.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	212
Occupancy Rate	75.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	45.5 %
Case Mix Index (CMI)	1.2233
STAFFING:	
Total Number of Physicians	154
Percent of Physicians Board Certified Specialists	84.4 %
Medical Residents/Interns	0
Registered Nurses	282
Licensed Practical Nurses	74

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SHADYSIDE HOSPITAL

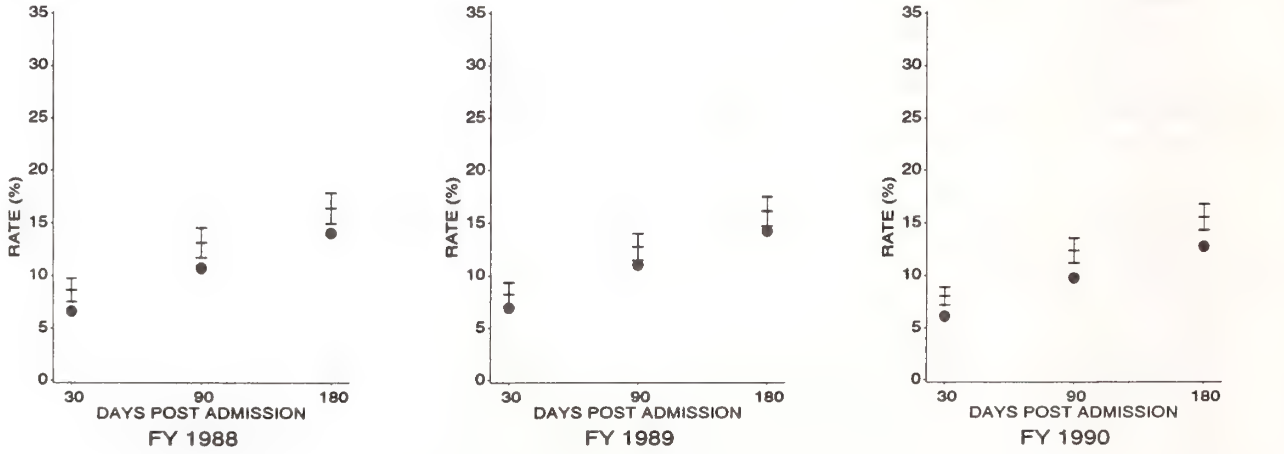
5230 CENTRE AVE
PITTSBURGH, PA 15232
Medicare Provider Number: 390055

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	5147	6.1	8.0	0.4	9.7	12.3	0.6	12.7	15.5	0.6
CONDITIONS:										
Acute Myocardial Infarction	206	15.0	22.7	4.1	18.0	26.0	4.5	19.9	28.8	4.8
Congestive Heart Failure	256	14.5	14.6	2.4	22.3	23.1	2.8	30.5	29.4	3.0
Pneumonia/Influenza	130	17.7	16.3	3.5	22.3	22.1	4.1	27.7	26.1	4.3
Chronic Obstructive Pulmonary Disease	85	4.7	7.2	4.1	8.2	12.3	6.9	11.8	16.6	7.0
Transient Cerebral Ischemia	77	2.6	1.8	3.0	3.9	4.1	3.8	9.1	6.7	3.8
Stroke	126	10.3	18.9	6.2	18.3	25.0	6.7	21.4	28.7	6.1
Hip Fracture	63	12.7	6.2	5.9	20.6	11.1	7.3	23.8	14.8	7.5
Sepsis	44	18.2	21.3	-----	20.5	28.8	-----	27.3	33.3	-----
PROCEDURES:										
Angioplasty	314	2.5	3.5	1.2	3.5	4.8	1.4	5.1	6.0	1.4
Coronary Artery Bypass Graft	279	3.9	6.9	2.4	6.8	9.9	3.0	7.9	11.2	3.0
Initial Pacemaker Insertion	49	2.0	4.1	-----	4.1	7.3	-----	4.1	9.9	-----
Carotid Endarterectomy	18	0.0	1.9	-----	5.6	3.5	-----	5.6	4.8	-----
Hip Replacement/Reconstruction	78	3.8	2.5	2.8	7.7	4.9	3.6	10.3	6.8	4.6
Open Reduction of Hip Fracture	31	6.5	5.9	-----	19.4	10.5	-----	22.6	14.1	-----
Prostatectomy	134	2.2	1.1	1.7	3.0	2.7	1.8	3.0	4.7	2.3
Cholecystectomy	70	2.9	2.7	2.0	4.3	5.0	2.9	5.7	6.7	4.1
Hysterectomy	32	0.0	0.7	-----	3.1	1.4	-----	3.1	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

SHADYSIDE HOSPITAL
Medicare Provider Number: 390055

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.6 years
Proportion female	54.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	55.8 %
Transferred from skilled nursing facility	1.7 %
Admitted for elective procedure	18.9 %
Admitted for emergency	58.8 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	49.2 %
Chronic liver disease	0.8 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	13.3 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	7.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	74.6%
State	21.3%
Outside State	4.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	460
Occupancy Rate	87.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	50.8 %
Case Mix Index (CMI)	1.5791

STAFFING:

Total Number of Physicians	304
Percent of Physicians Board Certified Specialists	87.8 %
Medical Residents/Interns	71
Registered Nurses	508
Licensed Practical Nurses	29

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SHAMOKIN STATE GENERAL HOSPITAL

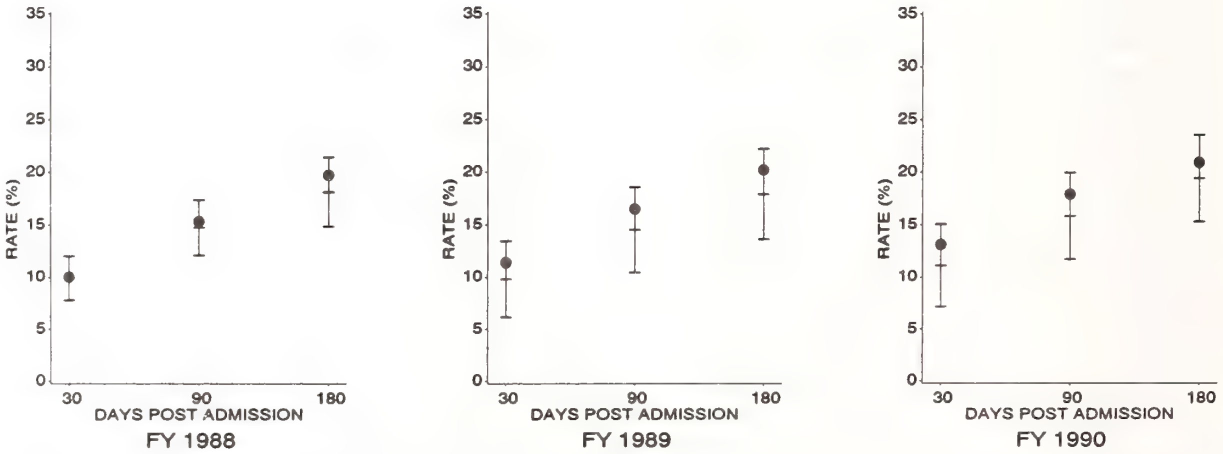
ROUTE 2
SHAMOKIN, PA 17872
Medicare Provider Number: 390189

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	727	13.1	11.1	2.0	17.9	15.8	2.1	20.9	19.4	2.1
CONDITIONS:										
Acute Myocardial Infarction	52	32.7	34.1	6.8	38.5	37.2	6.8	38.5	39.9	7.0
Congestive Heart Failure	75	16.0	13.8	4.4	25.3	21.4	6.0	32.0	27.0	7.4
Pneumonia/Influenza	45	15.6	15.8	-----	17.8	21.5	-----	22.2	25.3	-----
Chronic Obstructive Pulmonary Disease	19	15.8	7.8	-----	15.8	13.2	-----	15.8	17.6	-----
Transient Cerebral Ischemia	16	6.3	1.5	-----	12.5	3.4	-----	12.5	5.7	-----
Stroke	33	21.2	19.0	-----	30.3	25.5	-----	30.3	29.5	-----
Hip Fracture	23	13.0	5.5	-----	13.0	10.0	-----	13.0	13.2	-----
Sepsis	10	30.0	20.6	-----	40.0	24.9	-----	40.0	28.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	3.1	-----	0.0	6.2	-----	20.0	9.2	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	20.0	5.8	-----	20.0	10.8	-----	20.0	14.7	-----
Open Reduction of Hip Fracture	9	22.2	5.8	-----	22.2	10.7	-----	22.2	14.0	-----
Prostatectomy	18	0.0	0.9	-----	0.0	2.0	-----	5.6	3.2	-----
Cholecystectomy	12	8.3	3.0	-----	8.3	4.6	-----	16.7	5.7	-----
Hysterectomy	2	0.0	0.3	-----	0.0	0.6	-----	0.0	0.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SHAMOKIN STATE GENERAL HOSPITAL
Medicare Provider Number: 390189

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	76.7 years	Cancer	6.7 %
Proportion female	61.2 %	Chronic cardiovascular disease	48.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.0 %
Referred by personal or HMO physician	42.1 %	Chronic renal disease	3.6 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	16.5 %
Admitted for elective procedure	6.5 %	Cerebrovascular degeneration	2.6 %
Admitted for emergency	51.7 %	Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	95.8%	Hospital	7.6 Days
State	3.4%	State	9.2 Days
Outside State	0.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	60	Burn Unit	No
Ownership/Control	State Government	Coronary Care Unit	Yes
Case Mix Index (CMI)	1.1162	Hospice Care	No
STAFFING:		Intensive Care Unit	Yes
Medical Residents/Interns	0	Organ Transplant	No
Registered Nurses	51	Trauma Center	No
Licensed Practical Nurses	6	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
		Alcohol/Drug	No
		Rehabilitation	Yes
		Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SHARON REGIONAL HEALTH SYSTEM

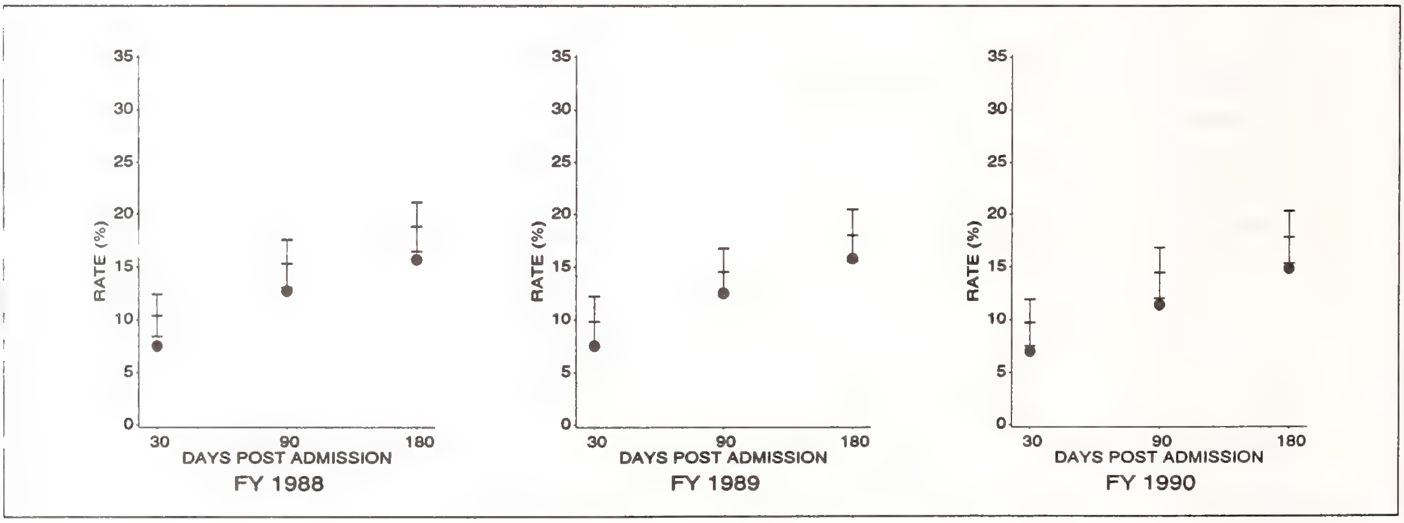
740 EAST STATE STREET
SHARON, PA 16146
Medicare Provider Number: 390211

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1840	7.0	9.7	1.1	11.4	14.4	1.2	14.8	17.8	1.2
CONDITIONS:										
Acute Myocardial Infarction	51	19.6	27.3	9.4	19.6	30.9	8.5	25.5	34.0	8.5
Congestive Heart Failure	110	9.1	14.2	6.8	20.0	22.4	6.7	22.7	28.6	6.7
Pneumonia/Influenza	78	12.8	15.3	4.6	25.6	21.0	8.5	26.9	24.9	5.1
Chronic Obstructive Pulmonary Disease	61	4.9	9.4	5.1	14.8	15.7	4.8	23.0	20.6	6.0
Transient Cerebral Ischemia	42	0.0	2.1	-----	0.0	4.5	-----	0.0	7.0	-----
Stroke	61	18.0	22.0	8.1	23.0	29.2	8.0	29.5	33.4	6.9
Hip Fracture	38	7.9	8.2	-----	13.2	14.2	-----	26.3	18.3	-----
Sepsis	24	20.8	29.3	-----	20.8	35.6	-----	33.3	39.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	5	0.0	1.9	-----	0.0	3.9	-----	0.0	5.8	-----
Carotid Endarterectomy	1	0.0	1.2	-----	0.0	2.3	-----	0.0	3.0	-----
Hip Replacement/Reconstruction	23	0.0	3.7	-----	4.3	7.0	-----	8.7	9.5	-----
Open Reduction of Hip Fracture	13	15.4	9.2	-----	15.4	15.9	-----	23.1	20.3	-----
Prostatectomy	103	0.0	0.9	1.3	1.0	2.1	1.9	1.9	3.6	2.5
Cholecystectomy	26	0.0	4.2	-----	3.8	7.9	-----	7.7	10.4	-----
Hysterectomy	8	0.0	0.1	-----	0.0	0.4	-----	0.0	0.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SHARON REGIONAL HEALTH SYSTEM

Medicare Provider Number: 390211

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.7 years
Proportion female	54.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	38.2 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	13.7 %
Admitted for emergency	54.7 %

COMORBIDITIES:

Cancer	7.6 %
Chronic cardiovascular disease	48.2 %
Chronic liver disease	1.7 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	16.5 %
Cerebrovascular degeneration	3.5 %
Diabetes mellitus	8.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.9%
State	2.8%
Outside State	16.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	257
Occupancy Rate	59.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	48.6 %
Case Mix Index (CMI)	1.1558

STAFFING:

Total Number of Physicians	84
Percent of Physicians Board Certified Specialists	54.8 %
Medical Residents/Interns	0
Registered Nurses	164
Licensed Practical Nurses	32

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

SHENANGO VALLEY MEDICAL CENTER

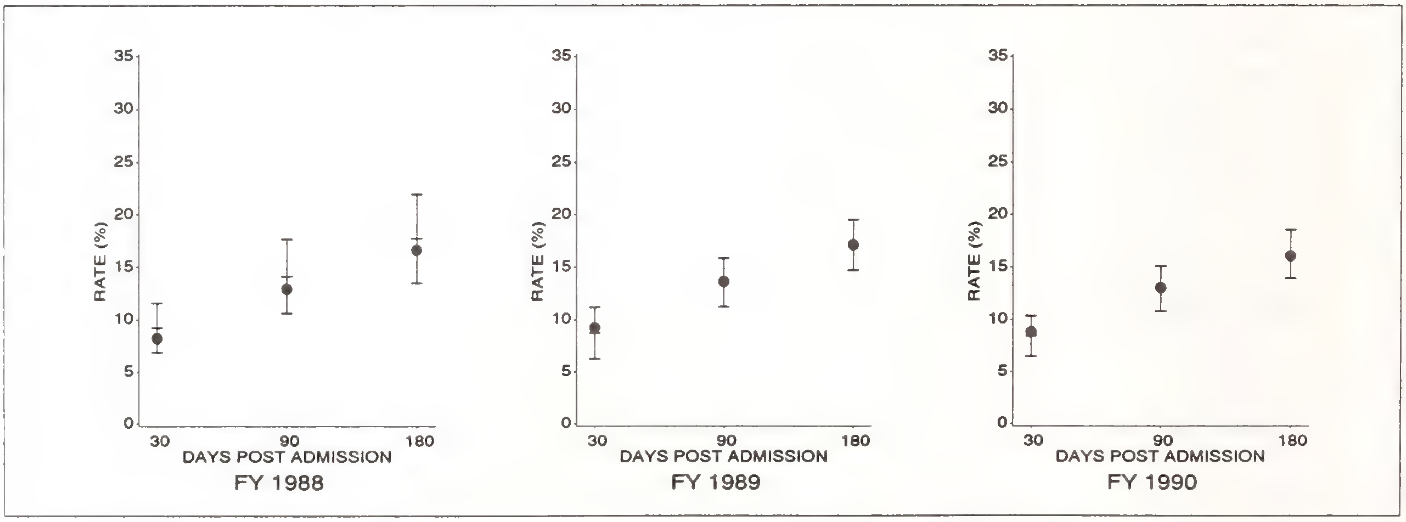
2200 MEMORIAL DRIVE
FARRELL, PA 16121
Medicare Provider Number: 390165

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1095	8.8	8.4	1.0	13.0	12.9	1.1	16.0	16.2	1.2
CONDITIONS:										
Acute Myocardial Infarction	32	31.3	20.1	-----	37.5	22.6	-----	37.5	25.3	-----
Congestive Heart Failure	69	17.4	15.0	5.1	27.5	22.8	6.1	37.7	29.2	8.0
Pneumonia/Influenza	65	9.2	14.6	6.1	13.8	20.0	6.7	15.4	23.5	7.6
Chronic Obstructive Pulmonary Disease	40	7.5	9.4	-----	12.5	15.7	-----	12.5	20.5	-----
Transient Cerebral Ischemia	29	3.4	1.6	-----	3.4	3.6	-----	3.4	5.9	-----
Stroke	32	25.0	20.6	-----	34.4	27.3	-----	34.4	30.9	-----
Hip Fracture	19	0.0	6.7	-----	5.3	11.5	-----	5.3	14.5	-----
Sepsis	12	33.3	29.2	-----	41.7	35.9	-----	50.0	39.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	0.0	5.0	-----	0.0	9.3	-----	0.0	13.1	-----
Carotid Endarterectomy	5	0.0	2.2	-----	0.0	3.9	-----	0.0	5.4	-----
Hip Replacement/Reconstruction	14	0.0	4.6	-----	0.0	8.0	-----	0.0	9.9	-----
Open Reduction of Hip Fracture	12	0.0	4.5	-----	8.3	8.1	-----	8.3	10.8	-----
Prostatectomy	10	0.0	1.0	-----	10.0	2.2	-----	10.0	3.8	-----
Cholecystectomy	8	0.0	5.3	-----	0.0	9.8	-----	0.0	12.2	-----
Hysterectomy	5	0.0	0.3	-----	0.0	0.6	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SHENANGO VALLEY MEDICAL CENTER

Medicare Provider Number: 390165

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.4 years
Proportion female	56.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	38.9 %
Transferred from skilled nursing facility	3.8 %
Admitted for elective procedure	8.7 %
Admitted for emergency	79.5 %

COMORBIDITIES:

Cancer	6.0 %
Chronic cardiovascular disease	44.3 %
Chronic liver disease	2.0 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	29.2 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	10.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.7%
State	6.4%
Outside State	12.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	104
Occupancy Rate	68.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.8 %
Case Mix Index (CMI)	1.0831

STAFFING:

Total Number of Physicians	41
Percent of Physicians Board Certified Specialists	53.7 %
Medical Residents/Interns	3
Registered Nurses	106
Licensed Practical Nurses	38

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

SOLDIERS & SAILORS MEMORIAL HOSPITAL

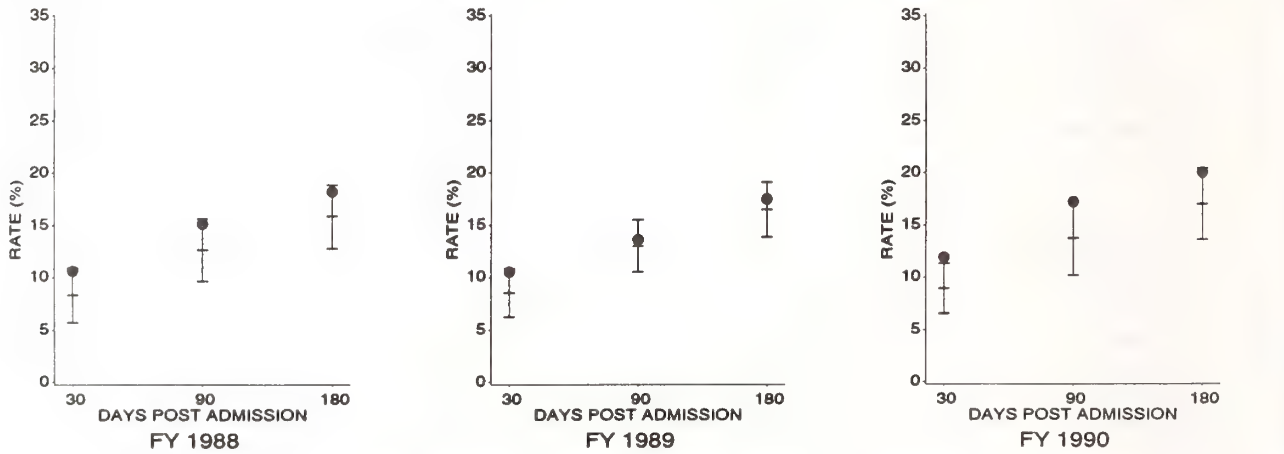
32-36 CENTRAL AVE
WELLSBORO, PA 16901
Medicare Provider Number: 390043

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	964	11.9	8.9	1.2	17.2	13.7	1.8	20.0	17.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	47	40.4	20.5	-----	42.6	23.5	-----	46.8	26.1	-----
Congestive Heart Failure	58	15.5	15.1	5.8	20.7	24.0	6.3	29.3	30.1	6.2
Pneumonia/Influenza	63	17.5	14.2	9.6	27.0	19.9	11.1	28.6	23.6	10.4
Chronic Obstructive Pulmonary Disease	47	10.6	8.6	-----	21.3	15.2	-----	23.4	20.4	-----
Transient Cerebral Ischemia	15	6.7	1.7	-----	6.7	4.0	-----	6.7	6.8	-----
Stroke	31	16.1	17.1	-----	19.4	22.3	-----	25.8	25.8	-----
Hip Fracture	23	4.3	5.7	-----	17.4	10.6	-----	17.4	14.2	-----
Sepsis	15	13.3	24.4	-----	26.7	31.0	-----	26.7	35.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	14	0.0	4.2	-----	7.1	7.8	-----	14.3	10.5	-----
Open Reduction of Hip Fracture	6	16.7	6.7	-----	16.7	12.6	-----	16.7	16.8	-----
Prostatectomy	34	0.0	1.2	-----	2.9	2.8	-----	5.9	4.7	-----
Cholecystectomy	23	4.3	2.2	-----	4.3	4.0	-----	4.3	5.2	-----
Hysterectomy	2	0.0	3.4	-----	0.0	6.2	-----	0.0	8.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SOLDIERS & SAILORS MEMORIAL HOSPITAL

Medicare Provider Number: 390043

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.5 years
Proportion female	53.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	26.2 %
Transferred from skilled nursing facility	0.7 %
Admitted for elective procedure	9.0 %
Admitted for emergency	8.4 %

COMORBIDITIES:

Cancer	7.1 %
Chronic cardiovascular disease	29.8 %
Chronic liver disease	1.3 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	19.8 %
Cerebrovascular degeneration	5.9 %
Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.3%
State	8.5%
Outside State	3.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	127
Occupancy Rate	49.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.2 %
Case Mix Index (CMI)	1.1019

STAFFING:

Total Number of Physicians	33
Percent of Physicians Board Certified Specialists	63.6 %
Medical Residents/Interns	0
Registered Nurses	51
Licensed Practical Nurses	46

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

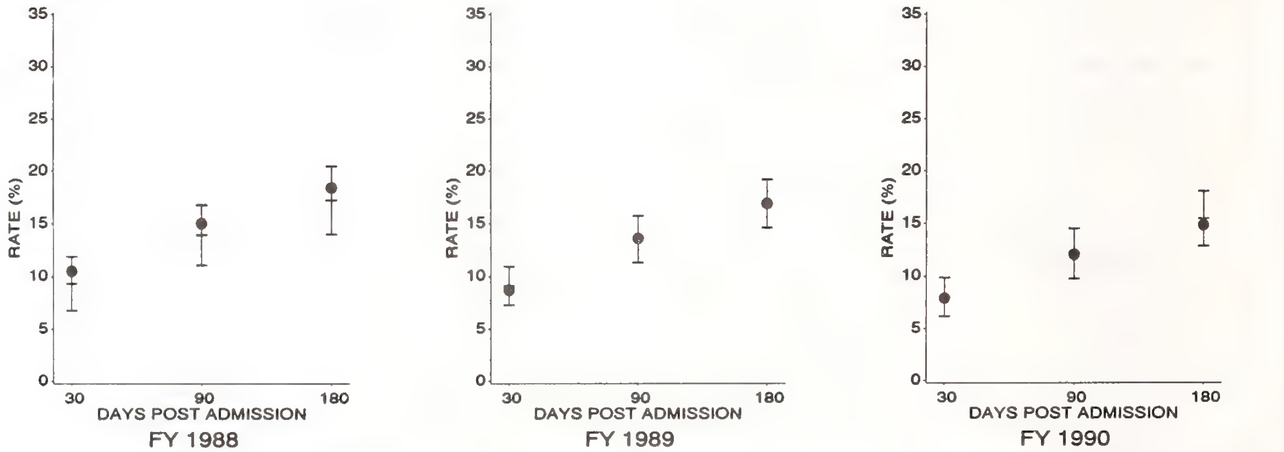
SOMERSET COMMUNITY HOSPITAL
225 S CENTER AVE
SOMERSET, PA 15501
Medicare Provider Number: 390039

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1167	7.9	8.0	0.9	12.0	12.1	1.2	14.8	15.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	45	28.9	27.1	-----	37.8	29.9	-----	37.8	32.7	-----
Congestive Heart Failure	55	16.4	15.7	6.3	23.6	24.4	5.9	30.9	31.0	7.4
Pneumonia/Influenza	61	16.4	14.5	5.0	21.3	20.0	8.7	24.6	24.0	7.2
Chronic Obstructive Pulmonary Disease	17	0.0	9.0	-----	5.9	15.0	-----	5.9	19.8	-----
Transient Cerebral Ischemia	19	0.0	1.9	-----	0.0	4.2	-----	0.0	6.9	-----
Stroke	34	29.4	17.5	-----	35.3	24.7	-----	41.2	28.7	-----
Hip Fracture	32	12.5	6.5	-----	21.9	11.4	-----	25.0	14.9	-----
Sepsis	7	14.3	25.2	-----	28.6	33.4	-----	28.6	38.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.3	-----	0.0	6.6	-----	0.0	9.8	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	10	0.0	4.5	-----	0.0	9.2	-----	0.0	12.9	-----
Open Reduction of Hip Fracture	12	16.7	4.4	-----	16.7	7.9	-----	16.7	10.6	-----
Prostatectomy	41	0.0	1.3	-----	0.0	3.0	-----	7.3	5.0	-----
Cholecystectomy	27	0.0	1.6	-----	0.0	3.0	-----	0.0	4.0	-----
Hysterectomy	8	0.0	0.7	-----	0.0	1.6	-----	0.0	2.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SOMERSET COMMUNITY HOSPITAL

Medicare Provider Number: 390039

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.1 years	Cancer	5.0 %
Proportion female	55.7 %	Chronic cardiovascular disease	41.9 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.5 %
Referred by personal or HMO physician	28.4 %	Chronic renal disease	1.8 %
Transferred from skilled nursing facility	0.1 %	Chronic pulmonary disease	15.2 %
Admitted for elective procedure	6.8 %	Cerebrovascular degeneration	3.4 %
Admitted for emergency	1.4 %	Diabetes mellitus	6.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	92.5%	Hospital	8.1 Days
State	5.5%	State	9.2 Days
Outside State	2.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	102	Burn Unit	No
Occupancy Rate	85.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	38.7 %	Hospice Care	Yes
Case Mix Index (CMI)	1.0778	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	46	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	60.9 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	109	Rehabilitation	No
Licensed Practical Nurses	60	Psychiatric	Yes
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

SOUTH SIDE HOSPITAL

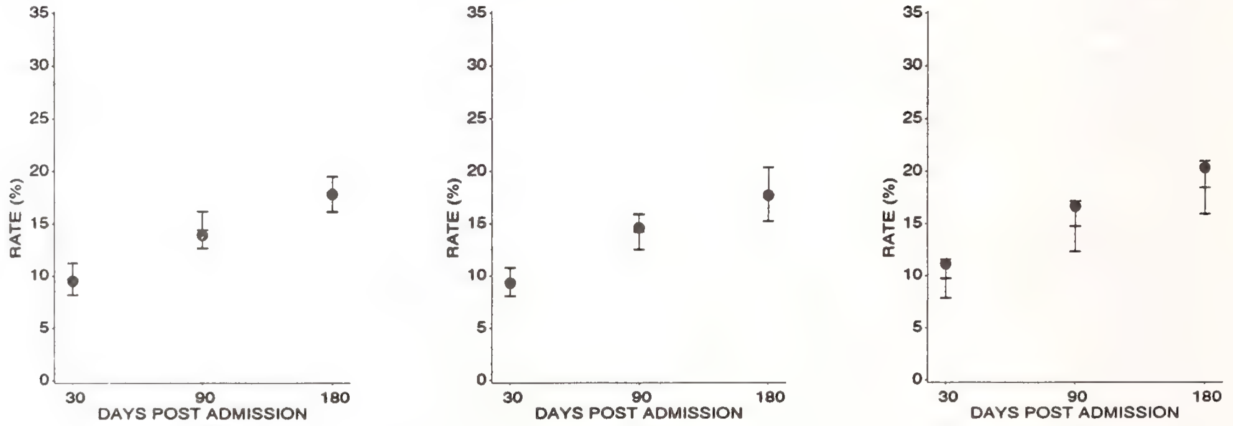
2000 MARY ST
PITTSBURG, PA 15203
Medicare Provider Number: 390131

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2112	11.1	9.7	0.9	16.6	14.7	1.2	20.3	18.4	1.3
CONDITIONS:										
Acute Myocardial Infarction	70	32.9	21.9	7.6	38.6	25.6	8.6	41.4	28.6	8.6
Congestive Heart Failure	166	16.3	15.4	3.7	27.7	24.3	5.8	33.7	30.5	5.6
Pneumonia/Influenza	112	18.8	17.4	3.8	23.2	23.6	4.0	26.8	27.6	4.3
Chronic Obstructive Pulmonary Disease	57	7.0	7.7	3.6	14.0	13.4	5.3	19.3	18.2	7.6
Transient Cerebral Ischemia	35	2.9	1.9	-----	5.7	4.4	-----	14.3	7.2	-----
Stroke	105	21.9	20.5	4.4	31.4	26.9	5.7	37.1	30.6	6.7
Hip Fracture	56	7.1	7.1	3.4	8.9	12.1	4.9	10.7	15.6	5.8
Sepsis	14	35.7	29.7	-----	42.9	35.8	-----	42.9	40.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	0.0	2.0	-----	0.0	4.4	-----	0.0	7.1	-----
Carotid Endarterectomy	2	0.0	1.4	-----	0.0	2.9	-----	0.0	4.9	-----
Hip Replacement/Reconstruction	30	6.7	5.2	-----	10.0	9.3	-----	13.3	12.2	-----
Open Reduction of Hip Fracture	29	6.9	6.8	-----	6.9	12.4	-----	6.9	16.2	-----
Prostatectomy	42	2.4	1.2	-----	2.4	2.7	-----	4.8	4.5	-----
Cholecystectomy	43	9.3	3.3	-----	11.6	6.0	-----	11.6	7.8	-----
Hysterectomy	8	0.0	1.1	-----	0.0	2.5	-----	12.5	3.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

SOUTH SIDE HOSPITAL

Medicare Provider Number: 390131

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.7 years
Proportion female	61.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	25.0 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	11.4 %
Admitted for emergency	63.6 %

COMORBIDITIES:

Cancer	5.2 %
Chronic cardiovascular disease	47.9 %
Chronic liver disease	1.3 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	21.3 %
Cerebrovascular degeneration	5.8 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	98.0%
State	1.6%
Outside State	0.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	195
Occupancy Rate	84.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	68.3 %
Case Mix Index (CMI)	1.2170

STAFFING:

Total Number of Physicians	259
Percent of Physicians Board Certified Specialists	74.5 %
Medical Residents/Interns	0
Registered Nurses	134
Licensed Practical Nurses	59

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

SOUTHERN CHESTER COUNTY MEDICAL CENTER

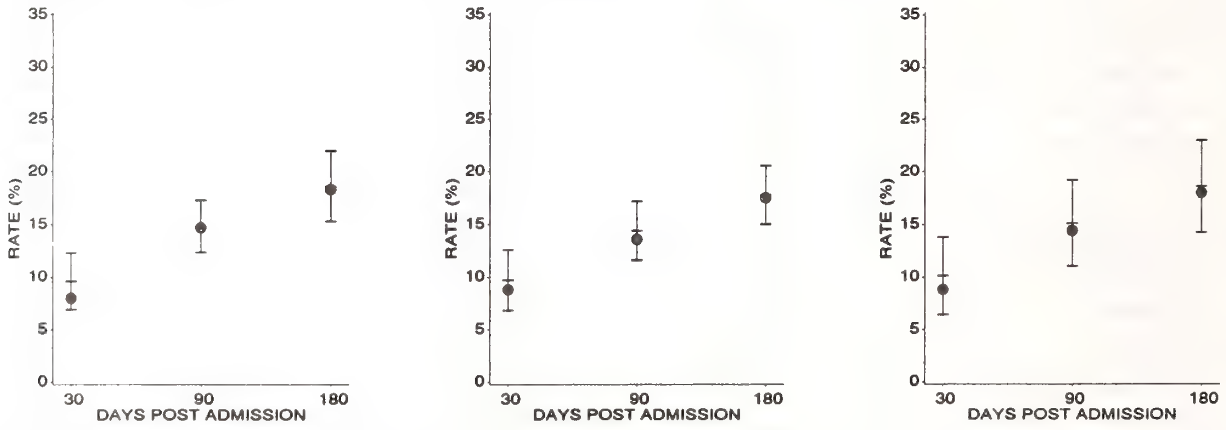
1015 W BALTIMORE PK
WEST GROVE, PA 19390
Medicare Provider Number: 390220

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	918	8.8	10.1	1.8	14.4	15.1	2.0	18.0	18.6	2.2
CONDITIONS:										
Acute Myocardial Infarction	28	32.1	30.7	-----	32.1	33.2	-----	35.7	35.8	-----
Congestive Heart Failure	72	11.1	14.5	6.9	13.9	22.7	9.9	23.6	28.8	8.3
Pneumonia/Influenza	88	10.2	15.4	5.4	17.0	20.8	5.0	21.6	24.5	5.4
Chronic Obstructive Pulmonary Disease	23	0.0	7.0	-----	8.7	11.8	-----	13.0	15.4	-----
Transient Cerebral Ischemia	21	0.0	1.8	-----	0.0	4.1	-----	4.8	6.4	-----
Stroke	42	11.9	20.6	-----	14.3	26.5	-----	16.7	30.1	-----
Hip Fracture	30	3.3	7.2	-----	13.3	12.9	-----	13.3	16.7	-----
Sepsis	12	33.3	24.6	-----	50.0	31.9	-----	50.0	35.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	0.0	3.0	-----	0.0	5.8	-----	0.0	8.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	17	0.0	5.7	-----	5.9	10.4	-----	5.9	13.5	-----
Open Reduction of Hip Fracture	15	6.7	5.9	-----	20.0	11.0	-----	20.0	14.7	-----
Prostatectomy	21	0.0	0.6	-----	0.0	1.4	-----	4.8	2.4	-----
Cholecystectomy	13	0.0	1.8	-----	0.0	3.2	-----	0.0	4.3	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

SOUTHERN CHESTER COUNTY MEDICAL CENTER

Medicare Provider Number: 390220

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.2 years
Proportion female	56.9 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	9.6 %
Admitted for emergency	68.1 %

COMORBIDITIES:

Cancer	5.8 %
Chronic cardiovascular disease	38.0 %
Chronic liver disease	0.7 %
Chronic renal disease	1.4 %
Chronic pulmonary disease	19.0 %
Cerebrovascular degeneration	5.1 %
Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.9%
State	4.8%
Outside State	7.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	66
Occupancy Rate	66.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	52.1 %
Case Mix Index (CMI)	1.1853

STAFFING:

Total Number of Physicians	62
Percent of Physicians Board Certified Specialists	72.6 %
Medical Residents/Interns	0
Registered Nurses	76
Licensed Practical Nurses	33

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

SPRINGFIELD HOSPITAL

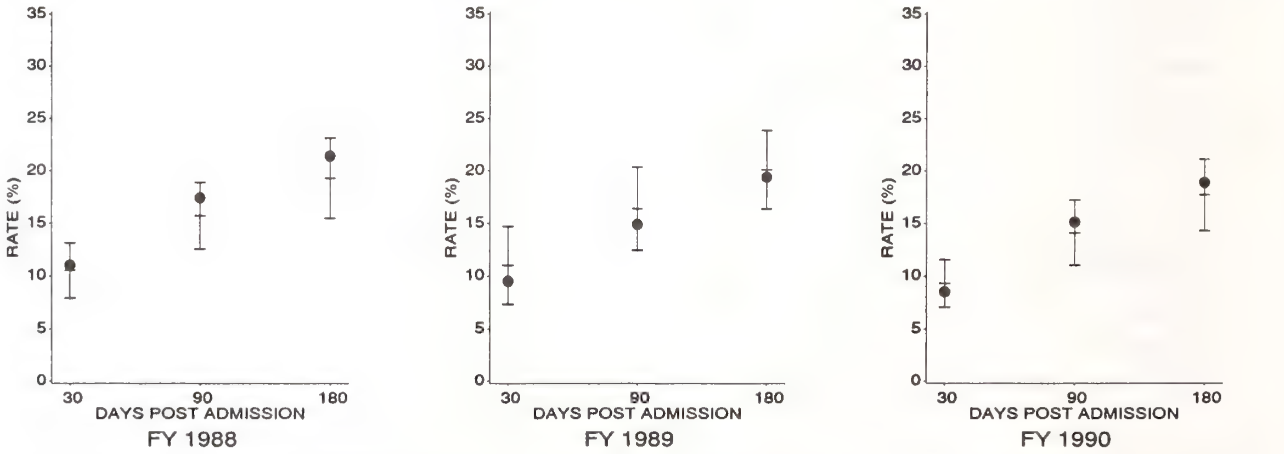
190 SPROUL RD
SPRINGFIELD, PA 19064
Medicare Provider Number: 390155

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	750	8.5	9.3	1.1	15.1	14.1	1.6	18.9	17.7	1.7
CONDITIONS:										
Acute Myocardial Infarction	21	33.3	26.0	-----	38.1	29.4	-----	47.6	32.3	-----
Congestive Heart Failure	39	7.7	13.4	-----	23.1	21.5	-----	30.8	27.2	-----
Pneumonia/Influenza	45	15.6	14.0	-----	24.4	19.3	-----	26.7	22.7	-----
Chronic Obstructive Pulmonary Disease	15	6.7	6.9	-----	26.7	11.5	-----	26.7	15.5	-----
Transient Cerebral Ischemia	19	5.3	2.1	-----	5.3	4.8	-----	5.3	8.0	-----
Stroke	25	20.0	29.0	-----	28.0	34.1	-----	44.0	37.4	-----
Hip Fracture	14	14.3	7.4	-----	14.3	13.2	-----	14.3	16.8	-----
Sepsis	6	33.3	21.2	-----	33.3	28.3	-----	33.3	32.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	5.4	-----	37.5	10.8	-----	50.0	15.7	-----
Carotid Endarterectomy	2	0.0	1.8	-----	0.0	3.3	-----	0.0	4.4	-----
Hip Replacement/Reconstruction	12	0.0	3.2	-----	8.3	5.8	-----	8.3	7.6	-----
Open Reduction of Hip Fracture	7	14.3	5.3	-----	14.3	9.9	-----	14.3	13.2	-----
Prostatectomy	14	7.1	1.0	-----	7.1	2.3	-----	7.1	3.8	-----
Cholecystectomy	6	0.0	2.0	-----	0.0	3.8	-----	0.0	5.6	-----
Hysterectomy	1	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

SPRINGFIELD HOSPITAL

Medicare Provider Number: 390155

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.1 years
Proportion female	58.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	23.7 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	18.0 %
Admitted for emergency	73.5 %

COMORBIDITIES:	
Cancer	6.3 %
Chronic cardiovascular disease	39.9 %
Chronic liver disease	1.5 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	22.5 %
Cerebrovascular degeneration	4.9 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	85.3%
State	12.6%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	122
Occupancy Rate	48.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.2805
STAFFING:	
Total Number of Physicians	208
Percent of Physicians Board Certified Specialists	51.0 %
Medical Residents/Interns	5
Registered Nurses	77
Licensed Practical Nurses	15

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST AGNES MEDICAL CENTER

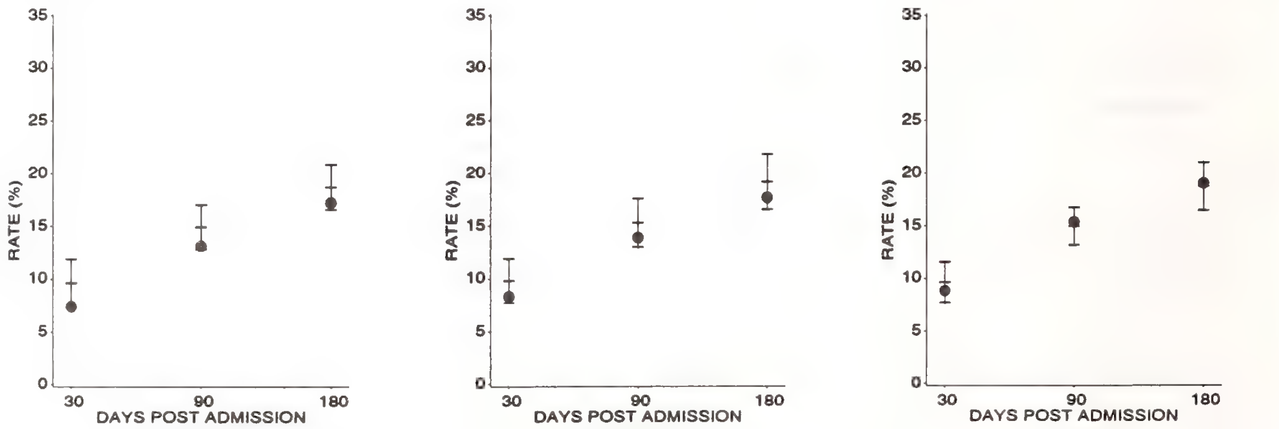
1900 S BROAD ST
PHILADELPHIA, PA 19145
Medicare Provider Number: 390022

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	1956	8.8	9.6	1.0	15.3	14.9	0.9	19.0	18.7	1.1
CONDITIONS:										
Acute Myocardial Infarction	56	26.8	21.5	7.1	26.8	24.4	6.7	30.4	26.9	6.5
Congestive Heart Failure	170	9.4	15.1	4.2	18.2	24.2	5.6	24.1	30.5	5.3
Pneumonia/Influenza	78	16.7	15.2	4.8	21.8	20.4	4.9	21.8	23.8	5.2
Chronic Obstructive Pulmonary Disease	52	3.8	9.7	5.7	7.7	16.4	7.4	13.5	21.3	8.0
Transient Cerebral Ischemia	49	0.0	1.3	-----	2.0	2.9	-----	4.1	4.9	-----
Stroke	76	13.2	19.0	8.9	22.4	26.4	11.3	23.7	30.2	11.0
Hip Fracture	28	3.6	7.1	-----	14.3	13.0	-----	21.4	16.9	-----
Sepsis	40	25.0	23.9	-----	40.0	33.8	-----	45.0	38.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	15	6.7	2.2	-----	13.3	4.9	-----	20.0	7.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	12	0.0	3.2	-----	8.3	5.9	-----	8.3	8.1	-----
Open Reduction of Hip Fracture	18	5.6	7.7	-----	16.7	14.6	-----	27.8	19.3	-----
Prostatectomy	56	0.0	1.2	2.1	1.8	2.9	2.9	1.8	4.9	5.0
Cholecystectomy	21	0.0	1.7	-----	4.8	3.3	-----	9.5	4.5	-----
Hysterectomy	2	0.0	0.9	-----	0.0	2.2	-----	0.0	3.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST AGNES MEDICAL CENTER

Medicare Provider Number: 390022

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.9 years
Proportion female	57.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	49.5 %
Transferred from skilled nursing facility	0.1 %
Admitted for elective procedure	8.7 %
Admitted for emergency	89.1 %

COMORBIDITIES:

Cancer	7.9 %
Chronic cardiovascular disease	34.8 %
Chronic liver disease	0.9 %
Chronic renal disease	5.3 %
Chronic pulmonary disease	13.5 %
Cerebrovascular degeneration	3.2 %
Diabetes mellitus	10.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.9%
State	2.8%
Outside State	4.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	11.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	236
Occupancy Rate	73.0 %
Ownership/Control	Church
Medicare Discharges	61.5 %
Case Mix Index (CMI)	1.2418

STAFFING:

Total Number of Physicians	251
Percent of Physicians Board Certified Specialists	67.7 %
Medical Residents/Interns	0
Registered Nurses	169
Licensed Practical Nurses	22

SPECIALTY SERVICES:

Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST CLAIR MEMORIAL HOSPITAL

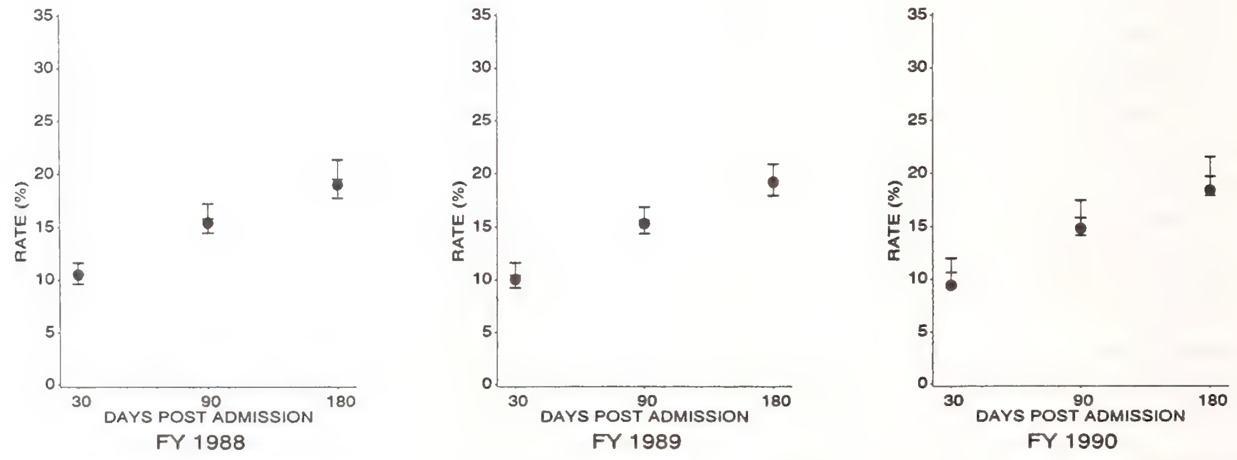
1000 BOWER HILL RD
PITTSBURGH, PA 15243
Medicare Provider Number: 390228

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3998	9.4	10.6	0.7	14.8	15.8	0.8	18.4	19.7	0.9
CONDITIONS:										
Acute Myocardial Infarction	128	21.9	27.1	7.7	25.8	30.0	7.1	28.1	32.8	7.1
Congestive Heart Failure	234	12.8	16.1	2.8	20.5	25.3	3.5	26.1	31.9	4.1
Pneumonia/Influenza	201	14.4	18.7	3.2	19.4	25.6	4.0	24.4	30.1	3.9
Chronic Obstructive Pulmonary Disease	83	8.4	9.9	3.6	13.3	16.7	6.8	16.9	21.7	7.3
Transient Cerebral Ischemia	78	0.0	1.7	1.9	0.0	3.8	3.5	0.0	6.2	5.0
Stroke	179	20.1	21.5	4.9	26.3	28.7	6.8	31.3	32.8	6.8
Hip Fracture	131	4.6	7.7	3.5	11.5	13.3	3.7	13.7	17.0	4.3
Sepsis	42	26.2	30.1	-----	28.6	37.1	-----	28.6	41.6	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	37	5.4	4.4	-----	8.1	8.2	-----	13.5	11.5	-----
Carotid Endarterectomy	22	4.5	1.5	-----	9.1	2.8	-----	9.1	4.0	-----
Hip Replacement/Reconstruction	69	5.8	4.9	2.8	7.2	9.1	4.2	8.7	12.0	5.2
Open Reduction of Hip Fracture	77	2.6	6.9	5.0	11.7	12.1	3.8	15.6	15.7	4.4
Prostatectomy	133	0.8	1.8	1.3	0.8	3.9	2.2	2.3	6.3	2.9
Cholecystectomy	94	4.3	3.1	3.0	7.4	5.9	4.1	11.7	7.9	4.4
Hysterectomy	57	1.8	0.9	1.7	1.8	1.9	1.9	1.8	2.9	2.4

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST CLAIR MEMORIAL HOSPITAL
Medicare Provider Number: 390228

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.4 years
Proportion female	60.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	13.2 %
Admitted for emergency	76.3 %

COMORBIDITIES:

Cancer	9.8 %
Chronic cardiovascular disease	38.9 %
Chronic liver disease	1.2 %
Chronic renal disease	2.9 %
Chronic pulmonary disease	14.1 %
Cerebrovascular degeneration	5.7 %
Diabetes mellitus	5.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	89.4%
State	8.6%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	337
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	47.9 %
Case Mix Index (CMI)	1.2193

STAFFING:

Total Number of Physicians	272
Percent of Physicians Board Certified Specialists	85.3 %
Medical Residents/Interns	0
Registered Nurses	298
Licensed Practical Nurses	45

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ST FRANCIS HOSPITAL OF NEW CASTLE

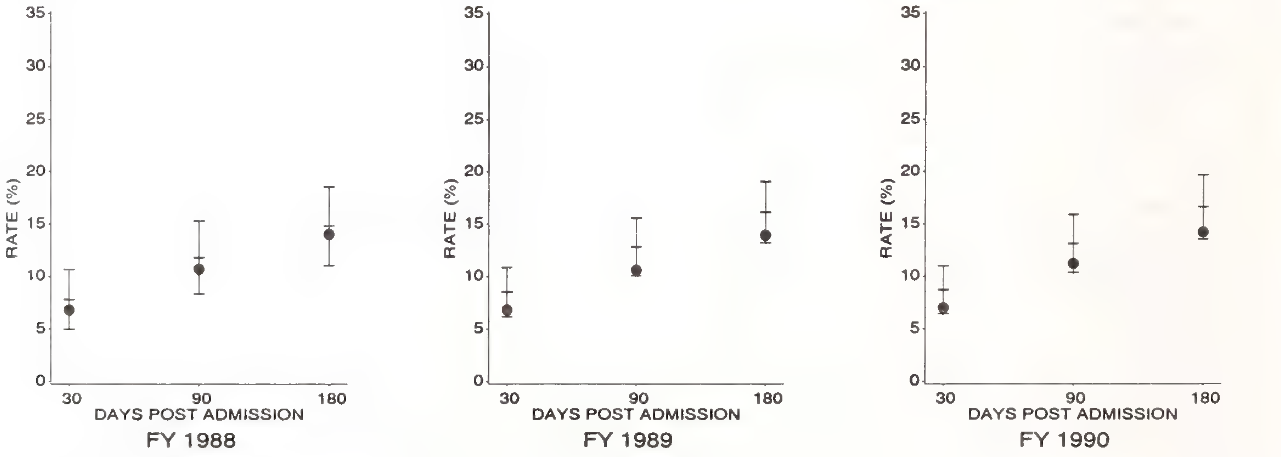
S MERCER AT PHILLIPS STREET
NEW CASTLE, PA 16101
Medicare Provider Number: 390017

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1207	7.0	8.7	1.2	11.2	13.1	1.4	14.2	16.6	1.5
CONDITIONS:										
Acute Myocardial Infarction	52	19.2	30.6	10.4	25.0	33.8	10.0	28.8	37.4	9.7
Congestive Heart Failure	78	15.4	14.3	4.9	26.9	22.6	5.4	28.2	28.8	5.3
Pneumonia/Influenza	61	13.1	16.5	6.5	19.7	22.6	5.8	27.9	26.6	5.8
Chronic Obstructive Pulmonary Disease	31	9.7	10.3	-----	16.1	17.9	-----	16.1	23.0	-----
Transient Cerebral Ischemia	37	2.7	2.5	-----	5.4	5.7	-----	8.1	9.1	-----
Stroke	33	9.1	16.2	-----	12.1	22.1	-----	12.1	26.0	-----
Hip Fracture	21	9.5	5.7	-----	19.0	10.6	-----	19.0	14.2	-----
Sepsis	15	0.0	23.6	-----	6.7	28.9	-----	6.7	32.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	7	0.0	1.6	-----	0.0	2.9	-----	28.6	4.1	-----
Hip Replacement/Reconstruction	3	0.0	1.5	-----	0.0	2.9	-----	0.0	4.0	-----
Open Reduction of Hip Fracture	16	12.5	5.3	-----	25.0	9.9	-----	25.0	13.4	-----
Prostatectomy	14	0.0	0.8	-----	0.0	2.0	-----	0.0	3.6	-----
Cholecystectomy	12	8.3	3.3	-----	8.3	5.5	-----	8.3	7.3	-----
Hysterectomy	9	0.0	0.8	-----	0.0	1.8	-----	11.1	2.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST FRANCIS HOSPITAL OF NEW CASTLE

Medicare Provider Number: 390017

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.2 years
Proportion female	57.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	80.4 %
Transferred from skilled nursing facility	6.1 %
Admitted for elective procedure	0.0 %
Admitted for emergency	82.4 %

COMORBIDITIES:

Cancer	5.1 %
Chronic cardiovascular disease	34.5 %
Chronic liver disease	0.7 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	22.1 %
Cerebrovascular degeneration	2.3 %
Diabetes mellitus	7.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	95.6%
State	3.0%
Outside State	1.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	184
Occupancy Rate	76.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	54.0 %
Case Mix Index (CMI)	1.0446

STAFFING:

Total Number of Physicians	31
Percent of Physicians Board Certified Specialists	100.0 %
Medical Residents/Interns	0
Registered Nurses	111
Licensed Practical Nurses	7

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

ST FRANCIS MEDICAL CENTER

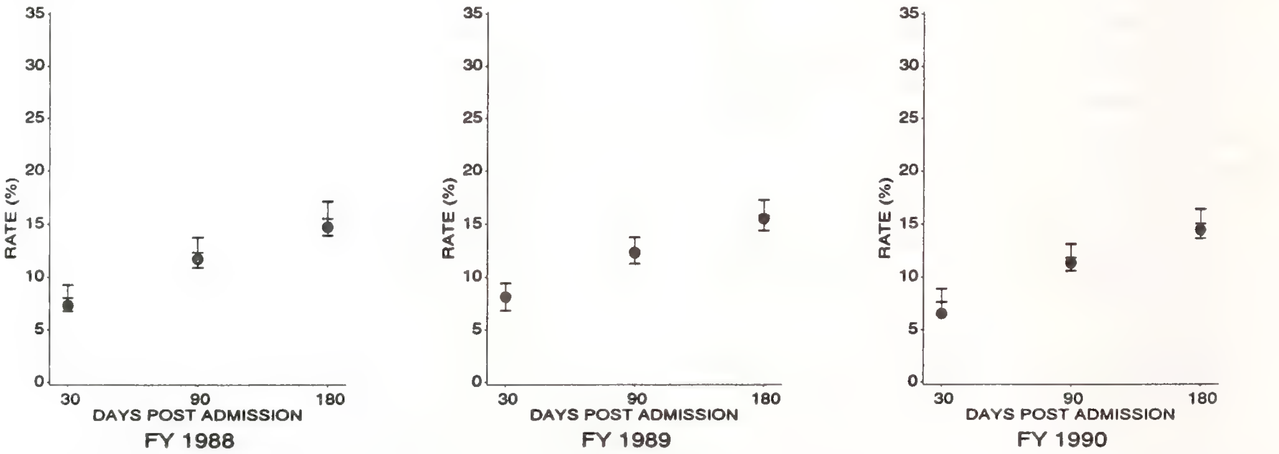
45TH ST OFF PENN AVE
PITTSBURGH, PA 15201
Medicare Provider Number: 390029

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3219	6.5	7.6	0.6	11.3	11.8	0.6	14.4	15.0	0.7
CONDITIONS:										
Acute Myocardial Infarction	60	25.0	22.8	6.0	30.0	26.3	6.4	33.3	29.0	6.6
Congestive Heart Failure	173	12.7	14.8	4.6	21.4	23.5	4.1	27.2	29.6	4.3
Pneumonia/Influenza	99	10.1	13.9	5.3	16.2	19.2	5.9	16.2	23.0	7.3
Chronic Obstructive Pulmonary Disease	76	5.3	8.6	6.0	10.5	14.5	8.0	13.2	18.8	8.8
Transient Cerebral Ischemia	41	2.4	2.5	-----	2.4	5.5	-----	2.4	8.5	-----
Stroke	91	15.4	16.7	4.1	19.8	22.6	5.0	26.4	26.2	5.0
Hip Fracture	29	6.9	5.7	-----	6.9	10.0	-----	6.9	13.1	-----
Sepsis	29	34.5	28.8	-----	44.8	38.3	-----	48.3	43.4	-----
PROCEDURES:										
Angioplasty	35	0.0	2.2	-----	0.0	2.9	-----	2.9	3.7	-----
Coronary Artery Bypass Graft	125	10.4	5.9	3.7	12.8	8.6	3.8	14.4	9.7	4.1
Initial Pacemaker Insertion	28	3.6	2.7	-----	14.3	5.9	-----	14.3	8.9	-----
Carotid Endarterectomy	10	0.0	1.5	-----	0.0	2.9	-----	0.0	4.2	-----
Hip Replacement/Reconstruction	23	4.3	3.1	-----	8.7	5.6	-----	8.7	7.4	-----
Open Reduction of Hip Fracture	16	0.0	5.0	-----	0.0	8.8	-----	0.0	11.7	-----
Prostatectomy	47	2.1	1.4	-----	2.1	3.1	-----	2.1	5.3	-----
Cholecystectomy	83	3.6	1.7	2.2	3.6	3.0	2.1	3.6	3.9	2.4
Hysterectomy	25	0.0	1.0	-----	0.0	2.1	-----	0.0	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST FRANCIS MEDICAL CENTER

Medicare Provider Number: 390029

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	72.9 years
Proportion female	58.2 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	35.6 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	31.6 %
Admitted for emergency	0.6 %

COMORBIDITIES:

Cancer	6.7 %
Chronic cardiovascular disease	45.2 %
Chronic liver disease	1.5 %
Chronic renal disease	3.7 %
Chronic pulmonary disease	14.9 %
Cerebrovascular degeneration	6.3 %
Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	80.9%
State	17.0%
Outside State	2.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.6 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	834
Occupancy Rate	71.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	(Not Available)
Case Mix Index (CMI)	1.5365

STAFFING:

Total Number of Physicians	356
Percent of Physicians Board Certified Specialists	71.3 %
Medical Residents/Interns	80
Registered Nurses	707
Licensed Practical Nurses	138

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

ST JOHNS HEALTH & HOSPITAL CENTER

3339 MCCLURE AVE
PITTSBURGH, PA 15212
Medicare Provider Number: 390034

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	27	0.0	0.7	-----	0.0	1.6	-----	0.0	2.8	-----
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	0									
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

ST JOHNS HEALTH & HOSPITAL CENTER

Medicare Provider Number: 390034

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	49.9 years
Proportion female	11.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	22.2 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	7.4 %

COMORBIDITIES:

Cancer	0.0 %
Chronic cardiovascular disease	11.1 %
Chronic liver disease	18.5 %
Chronic renal disease	3.7 %
Chronic pulmonary disease	11.1 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	3.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	97.2%
State	2.8%
Outside State	0.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	3.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	175
Occupancy Rate	88.0 %
Ownership/Control	Church
Medicare Discharges	10.6 %
Case Mix Index (CMI)	0.6795

STAFFING:

Total Number of Physicians	7
Percent of Physicians Board Certified Specialists	85.7 %
Medical Residents/Interns	0
Registered Nurses	44
Licensed Practical Nurses	6

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

ST JOSEPH HOSPITAL

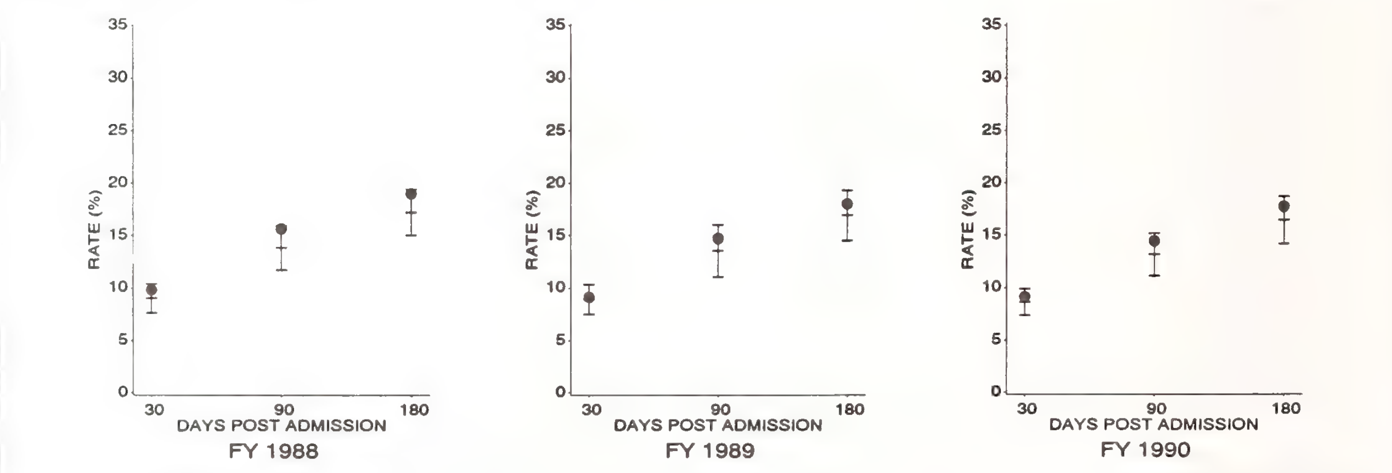
250 COLLEGE AVE
LANCASTER, PA 17604
Medicare Provider Number: 390061

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2462	9.1	8.6	0.6	14.4	13.1	1.0	17.7	16.4	1.1
CONDITIONS:										
Acute Myocardial Infarction	91	31.9	25.3	10.0	35.2	28.3	10.1	37.4	31.1	10.1
Congestive Heart Failure	138	15.2	15.3	4.4	21.0	24.1	5.5	29.0	30.5	4.5
Pneumonia/Influenza	104	14.4	14.2	3.6	18.3	19.5	4.0	21.2	23.2	4.5
Chronic Obstructive Pulmonary Disease	36	11.1	7.6	-----	19.4	13.3	-----	19.4	17.7	-----
Transient Cerebral Ischemia	47	2.1	1.4	-----	8.5	3.3	-----	8.5	5.3	-----
Stroke	84	17.9	19.4	4.5	27.4	26.5	5.1	34.5	30.6	6.1
Hip Fracture	69	2.9	5.7	3.9	10.1	10.1	4.4	13.0	13.4	4.5
Sepsis	42	21.4	27.6	-----	33.3	35.8	-----	35.7	40.6	-----
PROCEDURES:										
Angioplasty	19	15.8	5.4	-----	21.1	6.5	-----	21.1	7.8	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	22	4.5	2.5	-----	9.1	4.8	-----	9.1	6.9	-----
Carotid Endarterectomy	8	0.0	2.0	-----	0.0	3.5	-----	0.0	5.3	-----
Hip Replacement/Reconstruction	52	0.0	2.5	3.9	7.7	4.6	4.2	9.6	6.3	5.1
Open Reduction of Hip Fracture	41	2.4	5.0	-----	4.9	9.2	-----	7.3	12.5	-----
Prostatectomy	70	0.0	1.1	2.1	0.0	2.5	4.2	1.4	4.3	5.2
Cholecystectomy	52	0.0	1.1	-----	0.0	1.9	-----	0.0	2.5	-----
Hysterectomy	33	0.0	0.3	-----	0.0	0.6	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST JOSEPH HOSPITAL

Medicare Provider Number: 390061

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.7 years
Proportion female	58.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	41.0 %
Transferred from skilled nursing facility	2.0 %
Admitted for elective procedure	22.9 %
Admitted for emergency	51.4 %

COMORBIDITIES:

Cancer	7.6 %
Chronic cardiovascular disease	33.0 %
Chronic liver disease	0.9 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	16.4 %
Cerebrovascular degeneration	1.6 %
Diabetes mellitus	8.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	93.4%
State	4.8%
Outside State	1.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	7.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	309
Occupancy Rate	61.0 %
Ownership/Control	Church
Medicare Discharges	32.6 %
Case Mix Index (CMI)	1.2771

STAFFING:

Total Number of Physicians	154
Percent of Physicians Board Certified Specialists	83.1 %
Medical Residents/Interns	0
Registered Nurses	311
Licensed Practical Nurses	44

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ST JOSEPH HOSPITAL

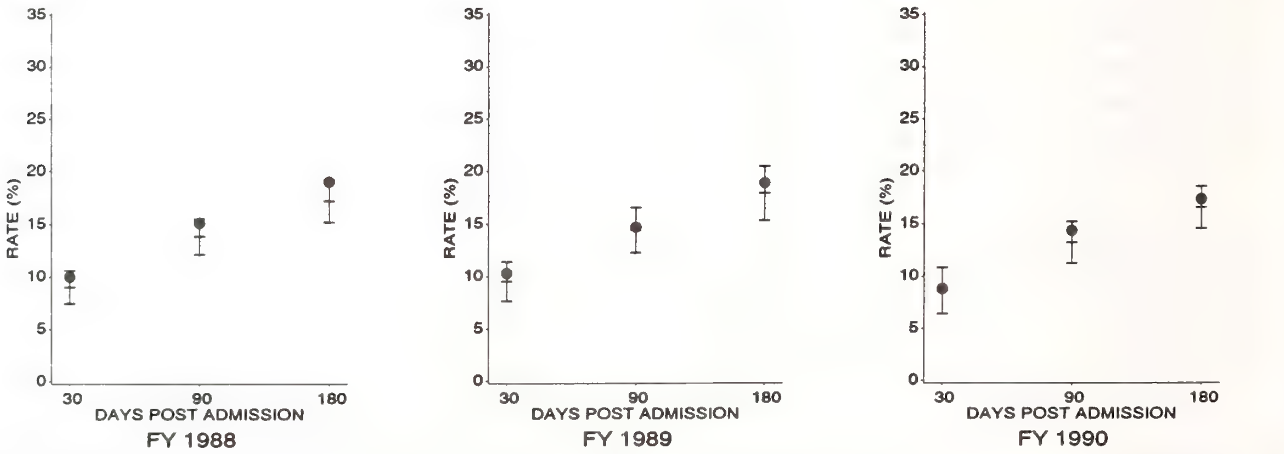
215 N 12TH ST
READING, PA 19603
Medicare Provider Number: 390158

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2249	8.8	8.6	1.1	14.3	13.2	1.0	17.3	16.5	1.0
CONDITIONS:										
Acute Myocardial Infarction	51	23.5	25.0	6.4	27.5	27.6	6.7	29.4	30.1	6.7
Congestive Heart Failure	130	11.5	13.7	3.7	20.8	21.6	4.6	25.4	27.8	5.0
Pneumonia/Influenza	95	15.8	14.5	4.1	20.0	19.9	4.1	23.2	23.5	4.7
Chronic Obstructive Pulmonary Disease	19	0.0	8.6	-----	10.5	14.9	-----	15.8	19.7	-----
Transient Cerebral Ischemia	30	0.0	1.6	-----	3.3	3.5	-----	6.7	5.8	-----
Stroke	94	21.3	16.8	5.4	26.6	24.1	5.0	29.8	28.0	5.1
Hip Fracture	55	5.5	7.8	5.5	9.1	13.6	6.5	12.7	17.6	6.4
Sepsis	18	16.7	22.8	-----	33.3	31.7	-----	44.4	36.6	-----
PROCEDURES:										
Angioplasty	8	0.0	4.9	-----	0.0	5.6	-----	0.0	6.4	-----
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	20	0.0	2.3	-----	0.0	4.7	-----	5.0	7.0	-----
Carotid Endarterectomy	5	0.0	1.2	-----	0.0	2.4	-----	0.0	3.8	-----
Hip Replacement/Reconstruction	35	5.7	4.6	-----	5.7	8.4	-----	8.6	10.9	-----
Open Reduction of Hip Fracture	29	0.0	7.1	-----	6.9	12.8	-----	10.3	17.0	-----
Prostatectomy	86	0.0	1.1	1.8	3.5	2.7	1.9	3.5	4.5	2.7
Cholecystectomy	51	7.8	3.8	4.6	9.8	7.2	6.5	13.7	9.8	7.3
Hysterectomy	10	0.0	0.4	-----	0.0	0.9	-----	0.0	1.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST JOSEPH HOSPITAL
Medicare Provider Number: 390158

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.7 years
Proportion female	55.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	39.2 %
Transferred from skilled nursing facility	1.4 %
Admitted for elective procedure	16.3 %
Admitted for emergency	50.7 %

COMORBIDITIES:	
Cancer	8.1 %
Chronic cardiovascular disease	40.9 %
Chronic liver disease	1.5 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	16.0 %
Cerebrovascular degeneration	2.2 %
Diabetes mellitus	5.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	94.1%
State	5.1%
Outside State	0.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	289
Occupancy Rate	53.0 %
Ownership/Control	Church
Medicare Discharges	33.7 %
Case Mix Index (CMI)	1.2269
STAFFING:	
Total Number of Physicians	188
Percent of Physicians Board Certified Specialists	70.7 %
Medical Residents/Interns	15
Registered Nurses	211
Licensed Practical Nurses	51

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

ST JOSEPHS HOSPITAL

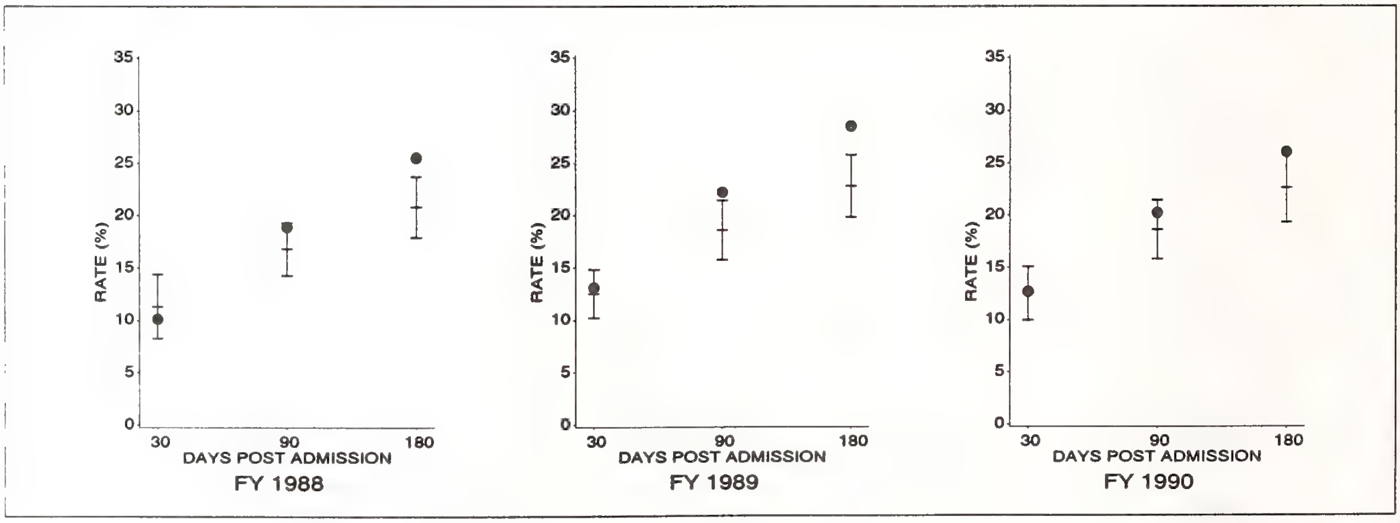
16TH ST & GIRARD AVENUE
PHILADELPHIA, PA 19130
Medicare Provider Number: 390077

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	830	12.7	12.5	1.3	20.2	18.6	1.4	26.0	22.6	1.7
CONDITIONS:										
Acute Myocardial Infarction	13	15.4	28.1	-----	15.4	31.0	-----	30.8	33.0	-----
Congestive Heart Failure	72	4.2	13.7	7.1	11.1	21.7	8.5	18.1	27.2	8.7
Pneumonia/Influenza	40	12.5	17.5	-----	20.0	24.8	-----	37.5	28.7	-----
Chronic Obstructive Pulmonary Disease	13	23.1	9.3	-----	23.1	15.1	-----	30.8	19.6	-----
Transient Cerebral Ischemia	18	0.0	1.3	-----	5.6	3.0	-----	16.7	4.9	-----
Stroke	51	13.7	18.2	6.7	33.3	25.7	8.8	35.3	29.2	9.3
Hip Fracture	15	13.3	6.4	-----	20.0	11.0	-----	20.0	14.0	-----
Sepsis	21	57.1	31.3	-----	71.4	42.0	-----	76.2	47.2	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.6	-----	0.0	3.3	-----	0.0	5.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	4	0.0	5.0	-----	0.0	9.1	-----	0.0	11.9	-----
Open Reduction of Hip Fracture	7	14.3	6.2	-----	14.3	11.3	-----	14.3	14.4	-----
Prostatectomy	17	0.0	1.7	-----	0.0	3.9	-----	11.8	6.3	-----
Cholecystectomy	3	33.3	6.4	-----	33.3	11.2	-----	33.3	14.3	-----
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

ST JOSEPHS HOSPITAL
Medicare Provider Number: 390077

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.0 years
Proportion female	57.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	12.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	6.5 %
Admitted for emergency	92.0 %

COMORBIDITIES:

Cancer	6.1 %
Chronic cardiovascular disease	31.9 %
Chronic liver disease	0.7 %
Chronic renal disease	4.9 %
Chronic pulmonary disease	8.9 %
Cerebrovascular degeneration	6.7 %
Diabetes mellitus	9.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	96.2%
State	1.3%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	14.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	178
Ownership/Control	Church
Case Mix Index (CMI)	1.2364

STAFFING:

Medical Residents/Interns	3
Registered Nurses	94
Licensed Practical Nurses	6

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

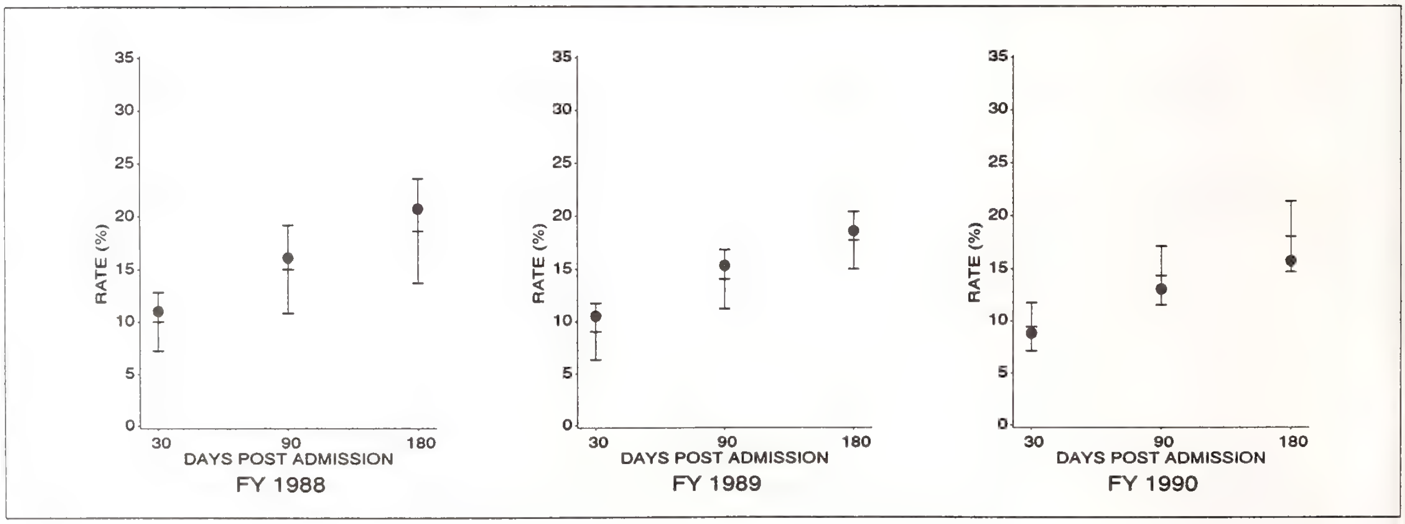
ST JOSEPHS HOSPITAL
100 LINCOLN AVENUE
CARBONDALE, PA 18407
Medicare Provider Number: 390095

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	879	8.8	9.4	1.2	13.0	14.3	1.4	15.7	18.0	1.7
CONDITIONS:										
Acute Myocardial Infarction	30	26.7	27.2	-----	33.3	29.7	-----	33.3	32.2	-----
Congestive Heart Failure	70	15.7	15.4	5.2	25.7	24.3	5.9	30.0	30.7	5.7
Pneumonia/Influenza	45	17.8	17.4	-----	22.2	23.8	-----	24.4	27.9	-----
Chronic Obstructive Pulmonary Disease	12	0.0	7.1	-----	8.3	12.9	-----	16.7	17.1	-----
Transient Cerebral Ischemia	35	5.7	1.7	-----	8.6	3.9	-----	8.6	6.4	-----
Stroke	34	5.9	20.8	-----	8.8	28.4	-----	8.8	32.7	-----
Hip Fracture	31	12.9	7.1	-----	16.1	12.5	-----	16.1	15.9	-----
Sepsis	14	14.3	21.7	-----	14.3	31.3	-----	21.4	36.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	1.9	-----	0.0	4.7	-----	25.0	7.8	-----
Carotid Endarterectomy	2	0.0	0.8	-----	0.0	1.5	-----	0.0	2.4	-----
Hip Replacement/Reconstruction	17	11.8	4.7	-----	11.8	8.9	-----	11.8	11.7	-----
Open Reduction of Hip Fracture	20	15.0	7.0	-----	20.0	12.4	-----	20.0	15.9	-----
Prostatectomy	26	0.0	1.4	-----	0.0	3.0	-----	0.0	4.9	-----
Cholecystectomy	20	10.0	2.7	-----	10.0	4.5	-----	10.0	5.6	-----
Hysterectomy	3	0.0	2.8	-----	0.0	6.3	-----	0.0	9.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST JOSEPHS HOSPITAL

Medicare Provider Number: 390095

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.6 years
Proportion female	57.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	30.1 %
Transferred from skilled nursing facility	3.5 %
Admitted for elective procedure	2.6 %
Admitted for emergency	58.5 %

COMORBIDITIES:	
Cancer	6.4 %
Chronic cardiovascular disease	38.9 %
Chronic liver disease	1.4 %
Chronic renal disease	4.1 %
Chronic pulmonary disease	16.4 %
Cerebrovascular degeneration	4.8 %
Diabetes mellitus	6.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	60.6%
State	36.0%
Outside State	3.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	103
Occupancy Rate	53.0 %
Ownership/Control	Church
Medicare Discharges	40.9 %
Case Mix Index (CMI)	1.2032
STAFFING:	
Total Number of Physicians	54
Percent of Physicians Board Certified Specialists	44.4 %
Medical Residents/Interns	0
Registered Nurses	71
Licensed Practical Nurses	26

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST LUKES HOSPITAL OF BETHLEHEM

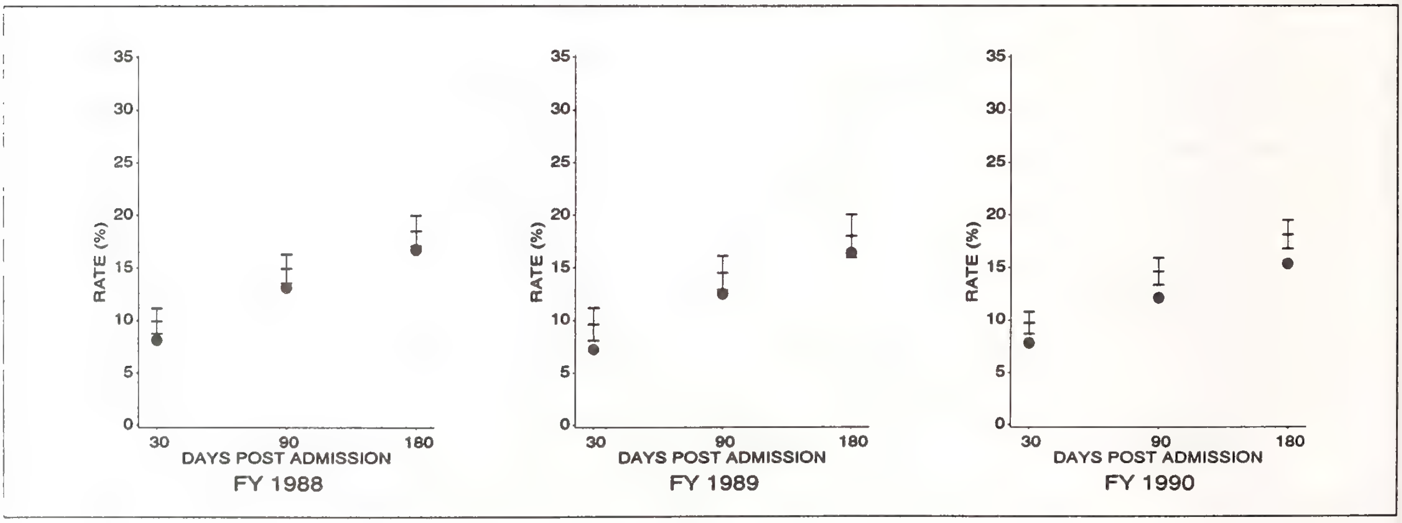
801 OSTRUM ST
BETHLEHEM, PA 18015
Medicare Provider Number: 390049

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3746	7.8	9.7	0.5	12.1	14.6	0.6	15.3	18.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	124	13.7	27.1	5.6	16.9	29.8	5.6	19.4	32.6	5.7
Congestive Heart Failure	266	12.8	15.0	2.4	19.2	23.7	3.1	24.1	29.9	3.8
Pneumonia/Influenza	104	14.4	16.4	4.2	16.3	22.3	6.0	21.2	26.2	6.1
Chronic Obstructive Pulmonary Disease	57	0.0	8.4	8.4	1.8	14.6	11.7	7.0	19.4	10.0
Transient Cerebral Ischemia	70	0.0	2.0	2.5	1.4	4.5	3.6	2.9	7.2	5.0
Stroke	142	22.5	20.7	5.1	29.6	27.2	4.2	30.3	30.8	4.2
Hip Fracture	64	6.3	7.2	3.4	10.9	12.3	4.3	15.6	15.8	4.6
Sepsis	62	14.5	25.3	7.9	21.0	32.5	8.9	25.8	37.0	9.4
PROCEDURES:										
Angioplasty	48	0.0	4.4	-----	2.1	5.5	-----	2.1	6.7	-----
Coronary Artery Bypass Graft	120	4.2	6.1	2.5	4.2	8.7	3.4	4.2	9.9	3.9
Initial Pacemaker Insertion	47	2.1	3.0	-----	4.3	5.5	-----	6.4	7.8	-----
Carotid Endarterectomy	24	0.0	1.9	-----	0.0	3.6	-----	4.2	5.1	-----
Hip Replacement/Reconstruction	40	0.0	4.8	-----	2.5	8.8	-----	2.5	11.6	-----
Open Reduction of Hip Fracture	29	10.3	5.6	-----	13.8	10.0	-----	24.1	13.2	-----
Prostatectomy	100	1.0	1.1	1.0	3.0	2.3	1.6	4.0	3.7	2.1
Cholecystectomy	70	2.9	2.9	2.2	7.1	5.2	3.1	8.6	7.0	3.4
Hysterectomy	39	0.0	1.4	-----	2.6	2.9	-----	2.6	4.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST LUKES HOSPITAL OF BETHLEHEM

Medicare Provider Number: 390049

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.8 years
Proportion female	54.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	31.6 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	17.7 %
Admitted for emergency	69.9 %

COMORBIDITIES:

Cancer	8.0 %
Chronic cardiovascular disease	46.3 %
Chronic liver disease	1.0 %
Chronic renal disease	5.6 %
Chronic pulmonary disease	14.9 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	9.2 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	78.5%
State	19.2%
Outside State	2.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	435
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.1 %
Case Mix Index (CMI)	1.4484

STAFFING:

Total Number of Physicians	276
Percent of Physicians Board Certified Specialists	83.0 %
Medical Residents/Interns	28
Registered Nurses	447
Licensed Practical Nurses	75

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

ST MARGARET MEMORIAL HOSPITAL

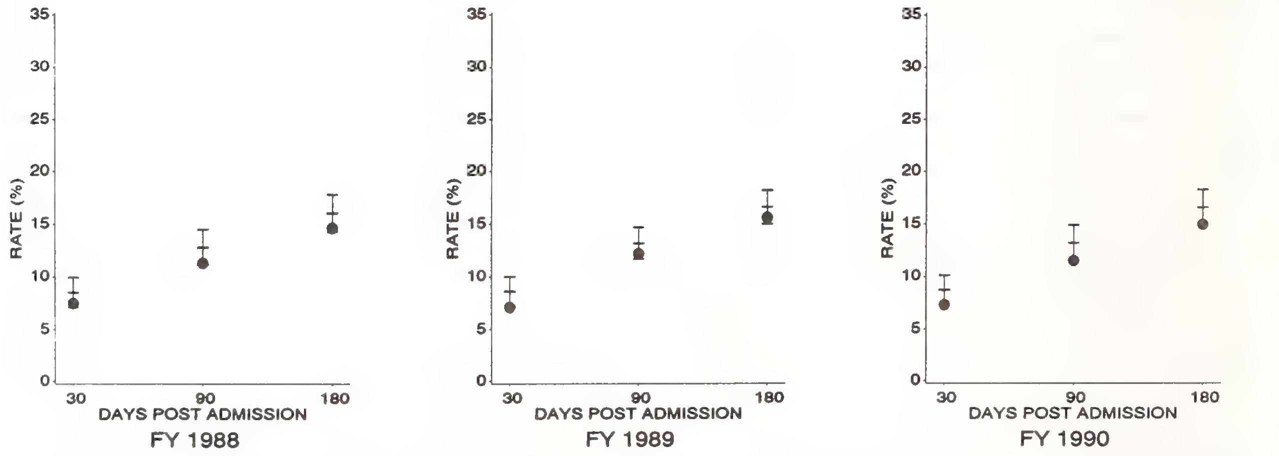
815 FREEPORT ROAD
PITTSBURGH, PA 15215
Medicare Provider Number: 390102

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3070	7.3	8.7	0.7	11.5	13.2	0.8	14.9	16.5	0.9
CONDITIONS:										
Acute Myocardial Infarction	101	24.8	31.0	7.8	28.7	34.2	8.2	31.7	36.8	7.7
Congestive Heart Failure	173	14.5	16.5	3.4	24.3	25.7	3.5	34.1	32.1	4.0
Pneumonia/Influenza	149	12.1	15.7	4.7	17.4	21.6	5.6	22.8	25.4	6.5
Chronic Obstructive Pulmonary Disease	75	12.0	10.7	3.8	20.0	18.1	4.9	21.3	23.2	6.3
Transient Cerebral Ischemia	49	2.0	1.9	-----	8.2	4.1	-----	14.3	6.5	-----
Stroke	122	13.9	18.9	6.2	19.7	25.4	6.6	23.0	29.3	6.9
Hip Fracture	65	10.8	6.0	5.7	12.3	11.0	6.3	16.9	14.4	6.1
Sepsis	21	19.0	27.2	-----	28.6	36.4	-----	38.1	41.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	16	18.8	3.1	-----	18.8	6.2	-----	31.3	9.3	-----
Carotid Endarterectomy	7	0.0	0.9	-----	0.0	1.6	-----	0.0	2.5	-----
Hip Replacement/Reconstruction	128	2.3	1.6	1.6	3.1	2.9	1.7	4.7	3.9	1.9
Open Reduction of Hip Fracture	36	11.1	5.9	-----	11.1	11.3	-----	13.9	15.1	-----
Prostatectomy	72	0.0	1.0	1.4	1.4	2.3	2.0	4.2	3.9	3.8
Cholecystectomy	52	3.8	4.5	2.9	9.6	8.7	4.5	11.5	11.6	5.3
Hysterectomy	9	0.0	0.3	-----	0.0	0.7	-----	0.0	1.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

ST MARGARET MEMORIAL HOSPITAL

Medicare Provider Number: 390102

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.1 years
Proportion female	63.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	32.8 %
Transferred from skilled nursing facility	1.5 %
Admitted for elective procedure	21.2 %
Admitted for emergency	50.2 %

COMORBIDITIES:

Cancer	6.8 %
Chronic cardiovascular disease	37.3 %
Chronic liver disease	0.6 %
Chronic renal disease	2.6 %
Chronic pulmonary disease	13.1 %
Cerebrovascular degeneration	6.4 %
Diabetes mellitus	4.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	86.8%
State	11.2%
Outside State	2.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	267
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.8 %
Case Mix Index (CMI)	1.2667

STAFFING:

Total Number of Physicians	232
Percent of Physicians Board Certified Specialists	88.8 %
Medical Residents/Interns	35
Registered Nurses	274
Licensed Practical Nurses	36

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

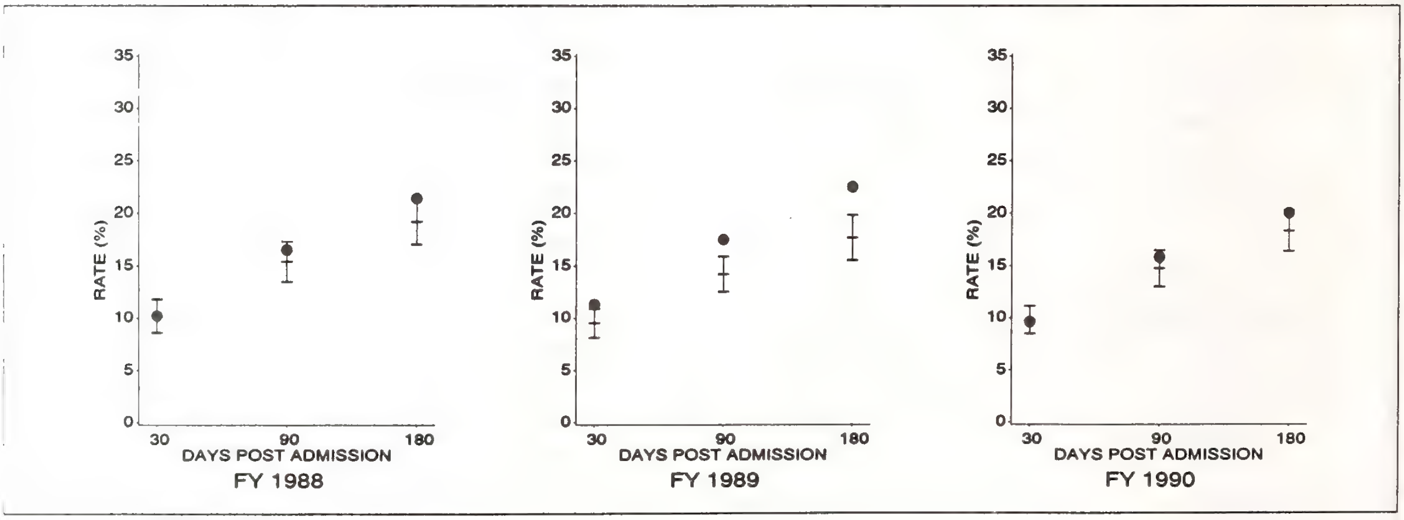
ST MARY HOSPITAL
LANGHORNE-NEWTOWN RD
LANGHORNE, PA 19047
Medicare Provider Number: 390258

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2109	9.6	9.8	0.7	15.8	14.7	0.9	20.0	18.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	58	29.3	27.8	6.0	32.8	31.6	6.2	36.2	34.9	6.5
Congestive Heart Failure	96	16.7	14.6	4.9	24.0	22.9	5.6	32.3	29.3	5.7
Pneumonia/Influenza	113	15.9	16.1	4.5	28.3	22.0	4.9	32.7	26.0	6.1
Chronic Obstructive Pulmonary Disease	50	10.0	6.9	-----	16.0	12.4	-----	26.0	16.9	-----
Transient Cerebral Ischemia	49	4.1	1.7	-----	6.1	3.8	-----	6.1	6.2	-----
Stroke	116	12.9	20.6	5.8	18.1	27.0	6.3	22.4	30.7	6.4
Hip Fracture	51	5.9	6.3	4.8	5.9	11.2	6.4	13.7	14.6	5.2
Sepsis	32	21.9	30.6	-----	43.8	38.6	-----	43.8	43.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	12	8.3	2.4	-----	16.7	5.3	-----	16.7	8.3	-----
Carotid Endarterectomy	8	0.0	1.2	-----	0.0	2.2	-----	0.0	3.2	-----
Hip Replacement/Reconstruction	25	4.0	2.1	-----	4.0	4.1	-----	8.0	5.8	-----
Open Reduction of Hip Fracture	24	4.2	6.8	-----	4.2	12.2	-----	16.7	15.9	-----
Prostatectomy	80	0.0	1.6	2.4	5.0	3.7	2.3	5.0	6.1	4.2
Cholecystectomy	30	10.0	2.5	-----	13.3	4.4	-----	16.7	5.9	-----
Hysterectomy	20	0.0	0.8	-----	5.0	1.8	-----	5.0	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST MARY HOSPITAL

Medicare Provider Number: 390258

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.1 years	Cancer	7.2 %
Proportion female	58.4 %	Chronic cardiovascular disease	33.8 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.6 %
Referred by personal or HMO physician	34.1 %	Chronic renal disease	3.9 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	15.6 %
Admitted for elective procedure	15.4 %	Cerebrovascular degeneration	3.7 %
Admitted for emergency	62.2 %	Diabetes mellitus	6.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	82.9%	Hospital	9.3 Days
State	10.6%	State	9.2 Days
Outside State	6.5%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	257	Burn Unit	No
Occupancy Rate	79.0 %	Cardiac Intensive Care	No
Ownership/Control	Church	Comprehensive Geriatric	No
Medicare Discharges	34.1 %	Hospice Care	No
Case Mix Index (CMI)	1.1986	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	326	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	67.8 %	Trauma Center	Yes
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	305	Alcohol/Drug	No
Licensed Practical Nurses	39	Rehabilitation	Yes
		Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

ST VINCENT HEALTH CENTER

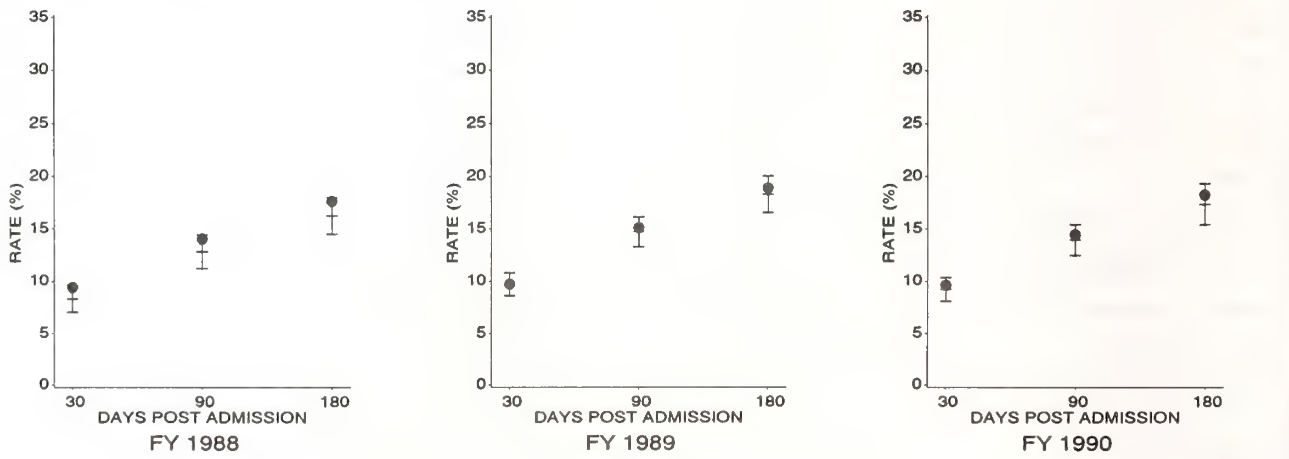
232 WEST 25TH STREET
ERIE, PA 16544
Medicare Provider Number: 390009

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3840	9.6	9.2	0.6	14.4	13.9	0.7	18.2	17.3	1.0
CONDITIONS:										
Acute Myocardial Infarction	131	23.7	25.8	4.6	26.7	28.3	5.3	29.0	30.8	5.5
Congestive Heart Failure	200	15.0	14.7	2.5	25.5	23.2	3.6	30.5	29.5	4.2
Pneumonia/Influenza	124	25.8	17.8	6.4	33.1	24.1	7.2	36.3	28.2	6.8
Chronic Obstructive Pulmonary Disease	118	7.6	9.7	3.2	18.6	16.4	3.8	24.6	21.3	4.6
Transient Cerebral Ischemia	54	3.7	1.4	2.7	3.7	3.2	3.0	5.6	5.2	3.6
Stroke	149	23.5	20.5	6.7	30.9	27.6	6.4	34.9	31.6	6.7
Hip Fracture	121	6.6	6.7	3.6	9.9	11.8	3.7	12.4	15.0	4.1
Sepsis	37	13.5	22.0	-----	16.2	27.7	-----	24.3	31.7	-----
PROCEDURES:										
Angioplasty	50	4.0	2.7	-----	4.0	3.4	-----	6.0	4.2	-----
Coronary Artery Bypass Graft	101	4.0	6.0	3.3	5.0	8.3	4.7	5.0	9.4	4.9
Initial Pacemaker Insertion	33	3.0	3.2	-----	3.0	5.8	-----	6.1	8.2	-----
Carotid Endarterectomy	37	2.7	1.7	-----	2.7	3.2	-----	2.7	4.6	-----
Hip Replacement/Reconstruction	80	2.5	3.8	2.4	6.3	7.0	2.9	7.5	9.3	3.6
Open Reduction of Hip Fracture	29	6.9	5.7	-----	6.9	10.2	-----	6.9	13.1	-----
Prostatectomy	86	0.0	0.8	1.2	1.2	1.8	1.5	1.2	3.1	2.5
Cholecystectomy	68	0.0	2.7	3.7	2.9	4.7	3.9	4.4	6.1	4.8
Hysterectomy	39	2.6	0.5	-----	2.6	1.1	-----	2.6	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



ST VINCENT HEALTH CENTER

Medicare Provider Number: 390009

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.9 years
Proportion female	56.1 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	38.0 %
Transferred from skilled nursing facility	2.0 %
Admitted for elective procedure	23.6 %
Admitted for emergency	45.1 %

COMORBIDITIES:

Cancer	7.9 %
Chronic cardiovascular disease	40.8 %
Chronic liver disease	0.8 %
Chronic renal disease	4.9 %
Chronic pulmonary disease	15.3 %
Cerebrovascular degeneration	3.7 %
Diabetes mellitus	7.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	79.8%
State	12.7%
Outside State	7.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	584
Occupancy Rate	62.0 %
Ownership/Control	Church
Medicare Discharges	32.6 %
Case Mix Index (CMI)	1.4165

STAFFING:

Total Number of Physicians	215
Percent of Physicians Board Certified Specialists	85.6 %
Medical Residents/Interns	16
Registered Nurses	567
Licensed Practical Nurses	88

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

SUBURBAN GENERAL HOSPITAL

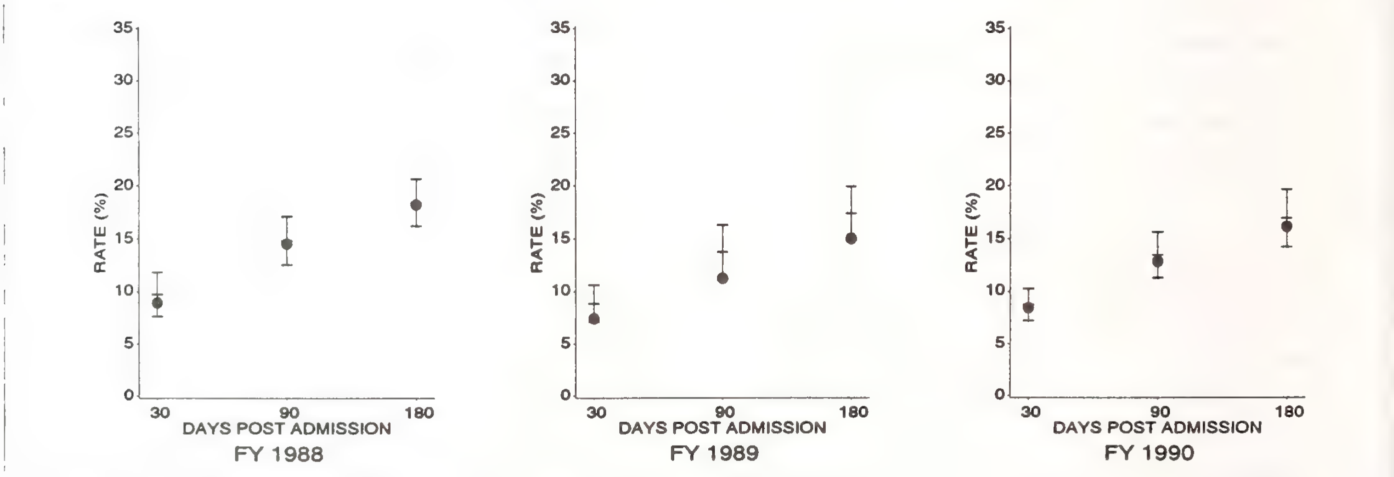
S JACKSON AVE
PITTSBURGH, PA 15212
Medicare Provider Number: 390074

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	2025	8.4	8.7	0.8	12.8	13.4	1.1	16.1	16.9	1.4
CONDITIONS:										
Acute Myocardial Infarction	68	30.9	23.4	6.7	33.8	26.8	6.6	38.2	29.5	7.6
Congestive Heart Failure	124	16.9	15.2	6.5	25.0	23.6	7.1	29.8	29.9	6.9
Pneumonia/Influenza	74	21.6	15.4	7.7	25.7	21.0	7.1	27.0	24.7	6.0
Chronic Obstructive Pulmonary Disease	42	11.9	7.8	-----	16.7	14.1	-----	19.0	18.6	-----
Transient Cerebral Ischemia	38	7.9	2.5	-----	13.2	5.7	-----	13.2	9.1	-----
Stroke	74	16.2	21.1	6.6	23.0	28.1	7.4	25.7	32.0	8.5
Hip Fracture	45	4.4	7.4	-----	11.1	13.2	-----	13.3	17.1	-----
Sepsis	24	0.0	14.7	-----	0.0	20.8	-----	12.5	24.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	23	8.7	4.8	-----	17.4	9.7	-----	26.1	13.6	-----
Carotid Endarterectomy	1	0.0	4.1	-----	0.0	8.3	-----	0.0	11.2	-----
Hip Replacement/Reconstruction	28	0.0	2.8	-----	7.1	5.0	-----	10.7	6.6	-----
Open Reduction of Hip Fracture	26	3.8	6.7	-----	3.8	12.5	-----	3.8	16.6	-----
Prostatectomy	41	2.4	1.5	-----	2.4	3.6	-----	2.4	5.8	-----
Cholecystectomy	35	2.9	3.3	-----	5.7	5.9	-----	5.7	7.6	-----
Hysterectomy	12	0.0	0.3	-----	0.0	0.8	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SUBURBAN GENERAL HOSPITAL

Medicare Provider Number: 390074

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.3 years
Proportion female	61.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	29.2 %
Transferred from skilled nursing facility	1.2 %
Admitted for elective procedure	11.3 %
Admitted for emergency	34.7 %

COMORBIDITIES:

Cancer	7.3 %
Chronic cardiovascular disease	42.8 %
Chronic liver disease	1.2 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	19.2 %
Cerebrovascular degeneration	4.3 %
Diabetes mellitus	6.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	95.9%
State	3.2%
Outside State	0.9%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	198
Occupancy Rate	67.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	64.7 %
Case Mix Index (CMI)	1.1850

STAFFING:

Total Number of Physicians	120
Percent of Physicians Board Certified Specialists	74.2 %
Medical Residents/Interns	0
Registered Nurses	115
Licensed Practical Nurses	16

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

SUBURBAN GENERAL HOSPITAL

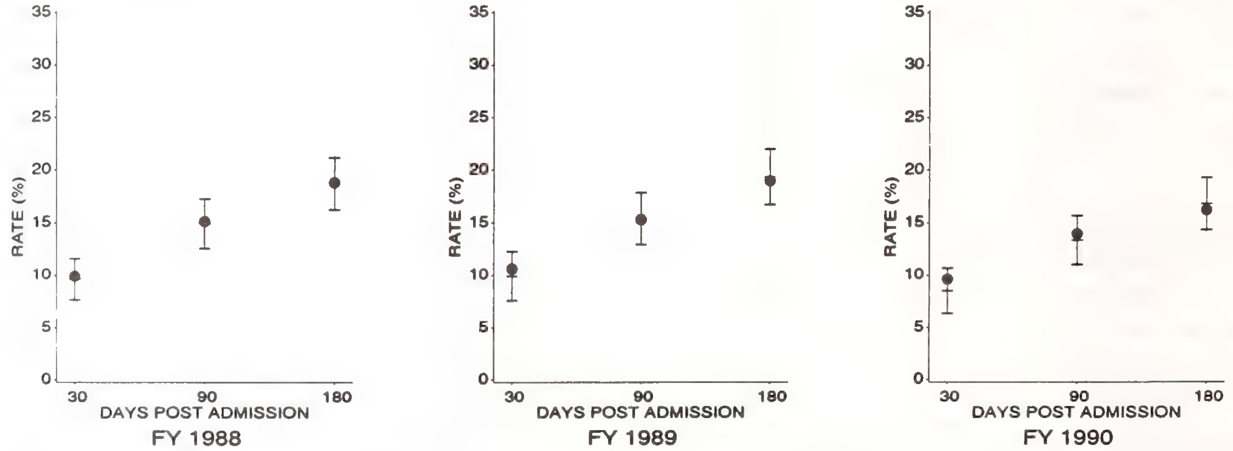
2701 DEKALB PIKE
NORRISTOWN, PA 19401
Medicare Provider Number: 390116

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	964	9.6	8.5	1.1	13.9	13.3	1.2	16.2	16.8	1.3
CONDITIONS:										
Acute Myocardial Infarction	13	23.1	28.2	-----	38.5	31.0	-----	46.2	33.6	-----
Congestive Heart Failure	56	17.9	13.6	4.9	17.9	21.7	5.8	21.4	28.1	6.6
Pneumonia/Influenza	37	10.8	16.6	-----	18.9	22.8	-----	21.6	26.7	-----
Chronic Obstructive Pulmonary Disease	29	17.2	7.8	-----	24.1	13.7	-----	24.1	18.1	-----
Transient Cerebral Ischemia	15	0.0	2.3	-----	0.0	5.2	-----	0.0	8.5	-----
Stroke	38	15.8	18.6	-----	18.4	25.4	-----	18.4	29.3	-----
Hip Fracture	16	12.5	6.2	-----	12.5	10.6	-----	12.5	13.8	-----
Sepsis	8	50.0	37.0	-----	62.5	45.0	-----	62.5	49.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	3	0.0	2.8	-----	0.0	5.3	-----	0.0	7.4	-----
Carotid Endarterectomy	3	0.0	1.0	-----	0.0	1.9	-----	0.0	3.0	-----
Hip Replacement/Reconstruction	7	14.3	5.8	-----	14.3	10.4	-----	14.3	13.6	-----
Open Reduction of Hip Fracture	11	18.2	4.6	-----	18.2	8.1	-----	18.2	10.9	-----
Prostatectomy	21	0.0	1.7	-----	4.8	4.0	-----	4.8	6.8	-----
Cholecystectomy	11	0.0	3.5	-----	0.0	5.5	-----	0.0	6.9	-----
Hysterectomy	11	0.0	0.5	-----	0.0	1.0	-----	0.0	1.7	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

SUBURBAN GENERAL HOSPITAL

Medicare Provider Number: 390116

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.6 years
Proportion female	58.4 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	24.4 %
Transferred from skilled nursing facility	0.9 %
Admitted for elective procedure	10.2 %
Admitted for emergency	73.1 %

COMORBIDITIES:	
Cancer	5.9 %
Chronic cardiovascular disease	39.8 %
Chronic liver disease	1.7 %
Chronic renal disease	2.3 %
Chronic pulmonary disease	24.9 %
Cerebrovascular degeneration	2.6 %
Diabetes mellitus	13.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	85.3%
State	12.2%
Outside State	2.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	118
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	34.9 %
Case Mix Index (CMI)	1.2043
STAFFING:	
Total Number of Physicians	224
Percent of Physicians Board Certified Specialists	64.3 %
Medical Residents/Interns	32
Registered Nurses	120
Licensed Practical Nurses	13

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

SUNBURY COMMUNITY HOSPITAL

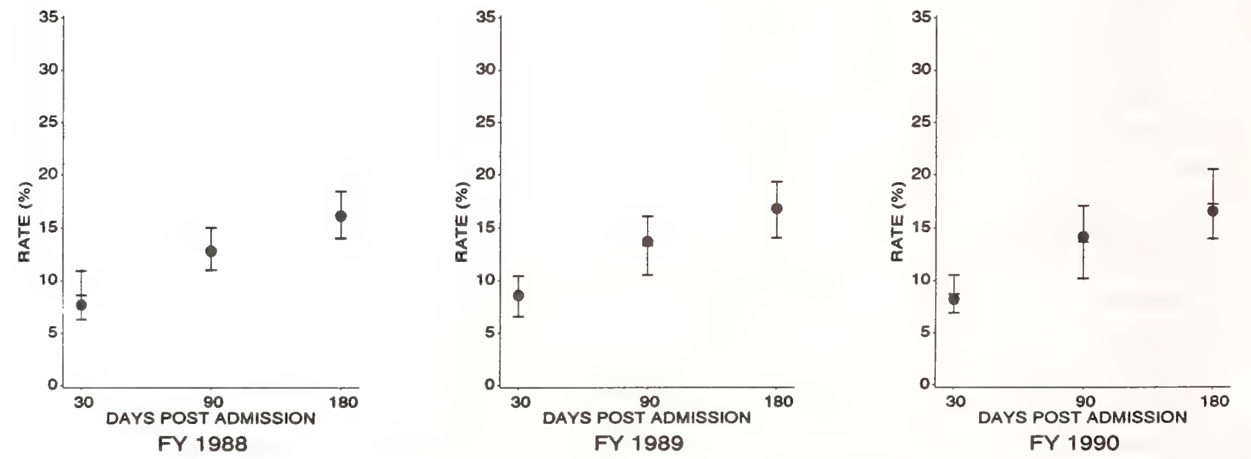
350 N 11TH ST
SUNBURY, PA 17801
Medicare Provider Number: 390084

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1161	8.2	8.7	0.9	14.1	13.6	1.7	16.5	17.2	1.6
CONDITIONS:										
Acute Myocardial Infarction	38	28.9	23.9	-----	34.2	27.3	-----	34.2	30.0	-----
Congestive Heart Failure	47	12.8	14.6	-----	27.7	22.7	-----	31.9	29.0	-----
Pneumonia/Influenza	46	10.9	16.8	-----	17.4	23.7	-----	23.9	28.0	-----
Chronic Obstructive Pulmonary Disease	23	0.0	6.2	-----	17.4	11.3	-----	21.7	15.5	-----
Transient Cerebral Ischemia	44	0.0	3.1	-----	4.5	6.3	-----	4.5	9.4	-----
Stroke	39	12.8	20.3	-----	28.2	28.0	-----	30.8	32.3	-----
Hip Fracture	31	12.9	6.8	-----	16.1	12.1	-----	16.1	15.7	-----
Sepsis	17	23.5	22.5	-----	23.5	28.3	-----	29.4	32.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	2	50.0	9.4	-----	50.0	13.1	-----	50.0	15.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	13	0.0	4.9	-----	7.7	8.9	-----	7.7	11.5	-----
Open Reduction of Hip Fracture	20	20.0	5.9	-----	20.0	10.9	-----	20.0	14.5	-----
Prostatectomy	19	0.0	1.7	-----	0.0	3.7	-----	5.3	6.0	-----
Cholecystectomy	31	0.0	2.4	-----	0.0	4.3	-----	3.2	5.6	-----
Hysterectomy	5	0.0	0.1	-----	0.0	0.2	-----	0.0	0.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



SUNBURY COMMUNITY HOSPITAL
Medicare Provider Number: 390084

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.9 years	Cancer	8.4 %
Proportion female	61.0 %	Chronic cardiovascular disease	42.9 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	22.3 %	Chronic renal disease	4.2 %
Transferred from skilled nursing facility	1.9 %	Chronic pulmonary disease	22.7 %
Admitted for elective procedure	11.4 %	Cerebrovascular degeneration	2.9 %
Admitted for emergency	36.0 %	Diabetes mellitus	7.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	75.7%	Hospital	10.3 Days
State	23.5%	State	9.2 Days
Outside State	0.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	165	Burn Unit	No
Occupancy Rate	63.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	55.1 %	Hospice Care	No
Case Mix Index (CMI)	1.1468	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	38	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	55.3 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	95	Rehabilitation	No
Licensed Practical Nurses	48	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

TAYLOR HOSPITAL

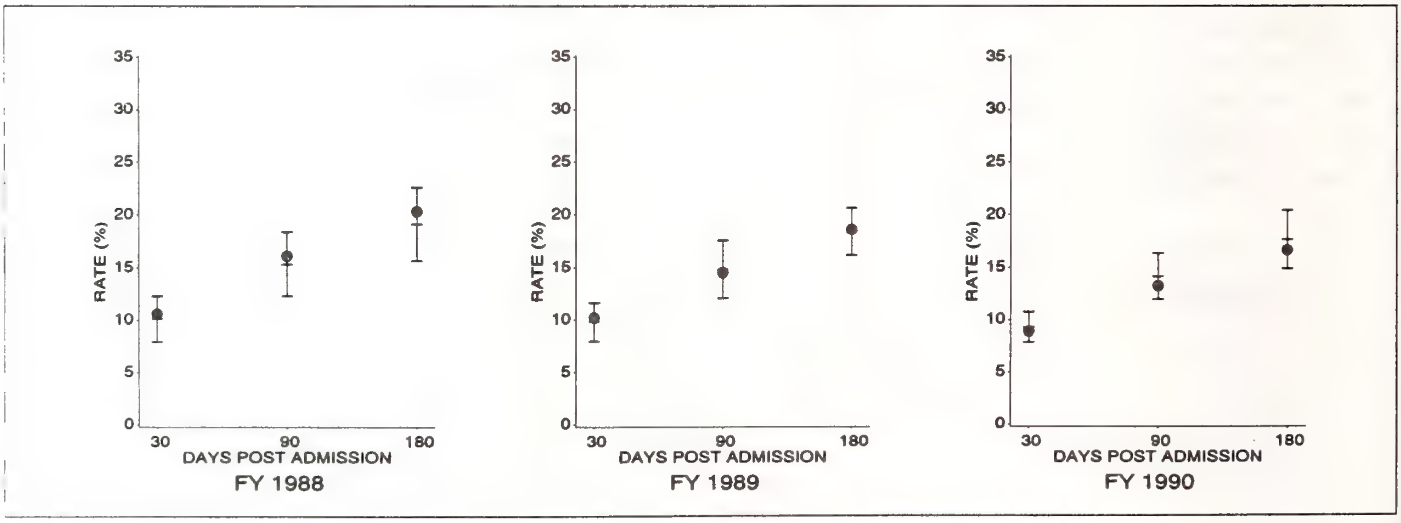
EAST CHESTER PIKE
RIDLEY PARK, PA 19078
Medicare Provider Number: 390167

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2112	8.9	9.3	0.7	13.2	14.1	1.1	16.6	17.6	1.4
CONDITIONS:										
Acute Myocardial Infarction	60	25.0	27.0	7.0	26.7	29.9	8.2	30.0	32.6	9.5
Congestive Heart Failure	105	15.2	14.2	3.9	22.9	22.4	4.4	25.7	28.3	6.0
Pneumonia/Influenza	110	20.0	16.4	8.0	26.4	22.1	9.3	32.7	26.1	8.9
Chronic Obstructive Pulmonary Disease	50	8.0	13.5	-----	12.0	21.6	-----	22.0	26.9	-----
Transient Cerebral Ischemia	40	2.5	2.3	-----	5.0	4.8	-----	10.0	7.6	-----
Stroke	92	17.4	17.2	4.0	26.1	24.1	4.8	29.3	28.0	5.1
Hip Fracture	53	3.8	6.3	4.1	7.5	11.2	5.7	11.3	14.5	6.6
Sepsis	31	22.6	22.4	-----	29.0	29.2	-----	41.9	33.3	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	18	5.6	2.8	-----	11.1	5.8	-----	11.1	8.6	-----
Carotid Endarterectomy	15	0.0	1.9	-----	0.0	3.7	-----	6.7	5.3	-----
Hip Replacement/Reconstruction	25	0.0	4.1	-----	4.0	7.4	-----	8.0	9.9	-----
Open Reduction of Hip Fracture	24	4.2	6.3	-----	8.3	11.7	-----	16.7	15.4	-----
Prostatectomy	81	1.2	0.9	1.6	2.5	2.0	2.2	3.7	3.3	2.3
Cholecystectomy	47	2.1	4.0	-----	6.4	6.7	-----	6.4	8.4	-----
Hysterectomy	13	0.0	0.8	-----	0.0	1.9	-----	0.0	3.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

TAYLOR HOSPITAL
Medicare Provider Number: 390167

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.4 years
Proportion female	59.0 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	34.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	16.4 %
Admitted for emergency	63.0 %

COMORBIDITIES:

Cancer	5.6 %
Chronic cardiovascular disease	46.9 %
Chronic liver disease	1.2 %
Chronic renal disease	3.0 %
Chronic pulmonary disease	29.1 %
Cerebrovascular degeneration	2.0 %
Diabetes mellitus	8.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	92.6%
State	5.1%
Outside State	2.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	203
Occupancy Rate	66.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	55.7 %
Case Mix Index (CMI)	1.2293

STAFFING:

Total Number of Physicians	164
Percent of Physicians Board Certified Specialists	69.5 %
Medical Residents/Interns	0
Registered Nurses	167
Licensed Practical Nurses	24

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

TEMPLE UNIVERSITY HOSPITAL

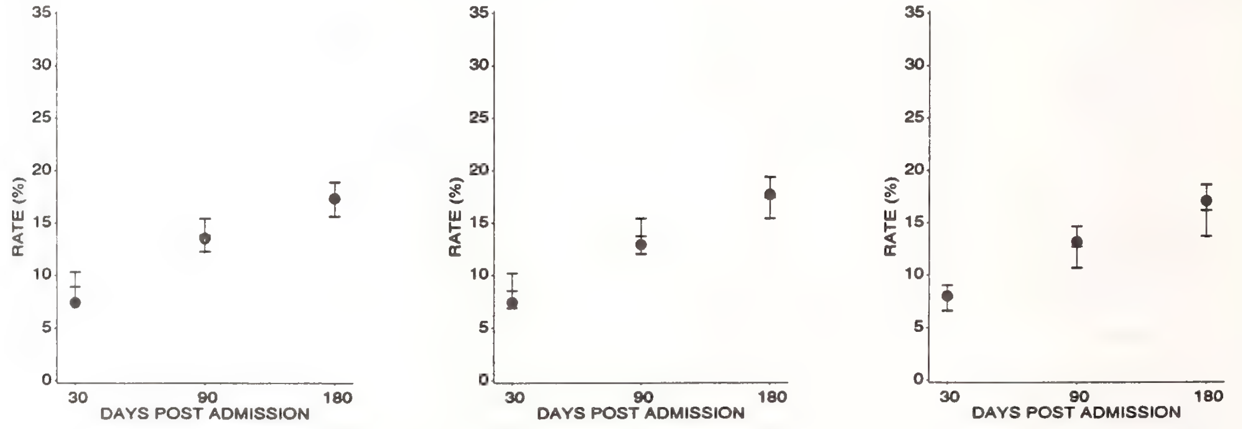
3401 N BROAD ST
PHILADELPHIA, PA 19140
Medicare Provider Number: 390027

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2120	8.0	7.8	0.6	13.1	12.6	1.0	17.0	16.1	1.2
CONDITIONS:										
Acute Myocardial Infarction	35	20.0	20.0	-----	22.9	22.9	-----	22.9	25.1	-----
Congestive Heart Failure	121	9.9	12.8	4.8	18.2	21.3	7.1	26.4	27.4	7.0
Pneumonia/Influenza	40	17.5	12.3	-----	25.0	17.6	-----	30.0	21.0	-----
Chronic Obstructive Pulmonary Disease	40	10.0	9.4	-----	15.0	16.8	-----	17.5	22.4	-----
Transient Cerebral Ischemia	26	0.0	1.2	-----	0.0	2.6	-----	0.0	4.3	-----
Stroke	82	17.1	16.8	5.0	28.0	22.3	6.3	31.7	25.6	7.6
Hip Fracture	16	12.5	5.3	-----	18.8	9.8	-----	18.8	12.9	-----
Sepsis	11	27.3	20.9	-----	27.3	29.0	-----	36.4	33.4	-----
PROCEDURES:										
Angioplasty	52	3.8	2.0	4.6	5.8	3.0	5.1	5.8	4.0	5.9
Coronary Artery Bypass Graft	61	11.5	6.2	6.1	13.1	9.0	5.7	13.1	10.2	5.4
Initial Pacemaker Insertion	7	0.0	5.3	-----	0.0	10.1	-----	14.3	14.3	-----
Carotid Endarterectomy	4	0.0	1.0	-----	0.0	1.8	-----	0.0	2.6	-----
Hip Replacement/Reconstruction	17	0.0	1.5	-----	0.0	3.1	-----	0.0	4.4	-----
Open Reduction of Hip Fracture	9	11.1	5.7	-----	22.2	10.6	-----	22.2	14.1	-----
Prostatectomy	41	0.0	1.0	-----	2.4	2.4	-----	2.4	4.0	-----
Cholecystectomy	22	0.0	3.1	-----	0.0	6.0	-----	18.2	8.1	-----
Hysterectomy	11	0.0	0.6	-----	0.0	1.2	-----	0.0	2.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

TEMPLE UNIVERSITY HOSPITAL

Medicare Provider Number: 390027

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	69.9 years
Proportion female	49.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	69.5 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	30.3 %
Admitted for emergency	65.6 %

COMORBIDITIES:

Cancer	8.5 %
Chronic cardiovascular disease	30.8 %
Chronic liver disease	0.9 %
Chronic renal disease	5.3 %
Chronic pulmonary disease	10.3 %
Cerebrovascular degeneration	4.3 %
Diabetes mellitus	13.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	72.8%
State	15.9%
Outside State	11.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.2 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

Total Beds	504
Ownership.Control	Private, Non-Profit
Case Mix Index (CMI)	1.6102

STAFFING:

Medical Residents/Interns	0
Registered Nurses	504
Licensed Practical Nurses	58

SPECIALTY SERVICES:

Burn Unit	No
Coronary Care Unit	Yes
Hospice Care	No
Intensive Care Unit	Yes
Organ Transplant	Yes
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

THOMAS JEFFERSON UNIVERSITY HOSPITAL

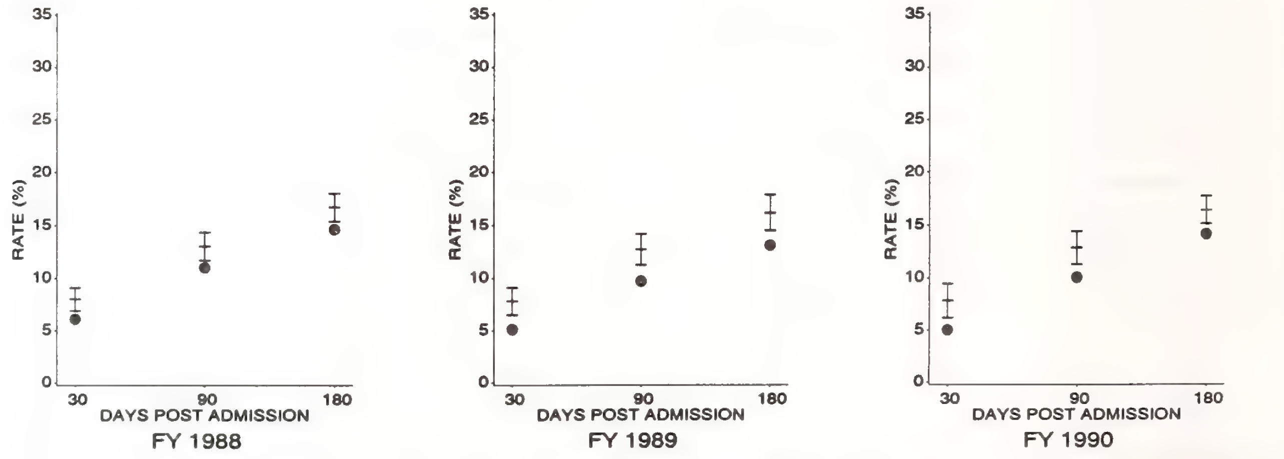
11TH & WALNUT ST
PHILADELPHIA, PA 19107
Medicare Provider Number: 390174

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3593	5.0	7.8	0.8	10.0	12.8	0.8	14.1	16.4	0.7
CONDITIONS:										
Acute Myocardial Infarction	56	16.1	22.0	8.2	16.1	25.0	9.4	25.0	27.6	8.3
Congestive Heart Failure	100	10.0	13.6	4.6	14.0	21.6	7.2	22.0	27.5	8.0
Pneumonia/Influenza	59	6.8	12.5	5.8	18.6	17.5	5.4	20.3	21.0	5.6
Chronic Obstructive Pulmonary Disease	34	8.8	11.2	-----	23.5	19.0	-----	23.5	24.4	-----
Transient Cerebral Ischemia	38	0.0	1.4	-----	2.6	3.1	-----	2.6	4.9	-----
Stroke	57	17.5	21.1	6.7	29.8	28.0	6.9	29.8	31.7	6.5
Hip Fracture	34	0.0	5.0	-----	2.9	8.8	-----	2.9	11.6	-----
Sepsis	21	23.8	29.2	-----	28.6	40.8	-----	38.1	46.3	-----
PROCEDURES:										
Angioplasty	47	2.1	2.6	-----	2.1	4.0	-----	2.1	5.3	-----
Coronary Artery Bypass Graft	83	3.6	6.2	4.2	6.0	9.1	5.9	8.4	10.3	6.0
Initial Pacemaker Insertion	16	0.0	1.4	-----	6.3	3.0	-----	6.3	4.7	-----
Carotid Endarterectomy	28	0.0	1.8	-----	0.0	3.3	-----	0.0	4.7	-----
Hip Replacement/Reconstruction	48	0.0	1.5	-----	0.0	2.8	-----	0.0	3.9	-----
Open Reduction of Hip Fracture	20	0.0	4.1	-----	5.0	7.2	-----	5.0	9.7	-----
Prostatectomy	49	0.0	1.0	-----	2.0	2.2	-----	2.0	3.8	-----
Cholecystectomy	48	0.0	5.0	-----	4.2	9.6	-----	8.3	12.9	-----
Hysterectomy	35	0.0	0.4	-----	2.9	0.9	-----	8.6	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



THOMAS JEFFERSON UNIVERSITY HOSPITAL

Medicare Provider Number: 390174

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	69.2 years
Proportion female	52.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	56.8 %
Transferred from skilled nursing facility	0.3 %
Admitted for elective procedure	34.9 %
Admitted for emergency	57.6 %

COMORBIDITIES:

Cancer	13.5 %
Chronic cardiovascular disease	34.3 %
Chronic liver disease	1.2 %
Chronic renal disease	4.9 %
Chronic pulmonary disease	9.7 %
Cerebrovascular degeneration	2.2 %
Diabetes mellitus	6.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	53.6%
State	18.9%
Outside State	27.5%

Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	10.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	692
Occupancy Rate	84.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	26.0 %
Case Mix Index (CMI)	1.4840

STAFFING:

Total Number of Physicians	880
Percent of Physicians Board Certified Specialists	90.9 %
Medical Residents/Interns	278
Registered Nurses	1123
Licensed Practical Nurses	38

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	Yes

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

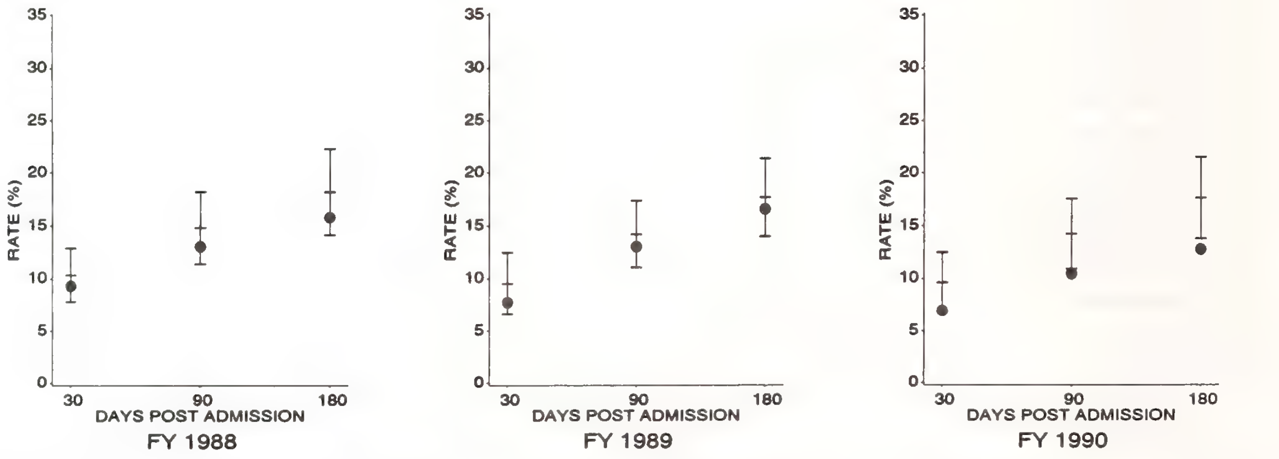
TITUSVILLE HOSPITAL
406 W OAK ST
TITUSVILLE, PA 16354
Medicare Provider Number: 390122

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	699	6.9	9.6	1.4	10.4	14.2	1.7	12.7	17.6	1.9
CONDITIONS:										
Acute Myocardial Infarction	21	38.1	30.9	-----	38.1	34.5	-----	38.1	37.7	-----
Congestive Heart Failure	55	12.7	14.8	5.9	21.8	23.4	6.7	23.6	29.6	8.4
Pneumonia/Influenza	81	11.1	15.3	5.4	13.6	21.2	7.6	17.3	25.0	8.4
Chronic Obstructive Pulmonary Disease	21	0.0	8.8	-----	0.0	15.5	-----	4.8	20.3	-----
Transient Cerebral Ischemia	6	0.0	1.4	-----	0.0	3.2	-----	0.0	5.5	-----
Stroke	36	8.3	19.7	-----	13.9	25.5	-----	19.4	29.4	-----
Hip Fracture	16	0.0	4.3	-----	6.3	7.8	-----	12.5	10.7	-----
Sepsis	6	0.0	18.9	-----	16.7	25.2	-----	16.7	29.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	7	0.0	2.9	-----	0.0	5.4	-----	14.3	7.5	-----
Open Reduction of Hip Fracture	8	0.0	3.9	-----	12.5	7.4	-----	12.5	10.3	-----
Prostatectomy	16	0.0	1.0	-----	0.0	2.5	-----	0.0	4.2	-----
Cholecystectomy	12	0.0	5.0	-----	0.0	9.1	-----	0.0	11.9	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



TITUSVILLE HOSPITAL
Medicare Provider Number: 390122

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.0 years
Proportion female	56.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	31.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	22.5 %
Admitted for emergency	52.8 %

COMORBIDITIES:	
Cancer	7.0 %
Chronic cardiovascular disease	37.3 %
Chronic liver disease	1.0 %
Chronic renal disease	2.7 %
Chronic pulmonary disease	21.0 %
Cerebrovascular degeneration	5.0 %
Diabetes mellitus	8.6 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	69.0%
State	29.7%
Outside State	1.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	6.8 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	99
Occupancy Rate	41.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.6 %
Case Mix Index (CMI)	1.1067
STAFFING:	
Total Number of Physicians	27
Percent of Physicians Board Certified Specialists	63.0 %
Medical Residents/Interns	0
Registered Nurses	71
Licensed Practical Nurses	18

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

TROY COMMUNITY HOSPITAL INC

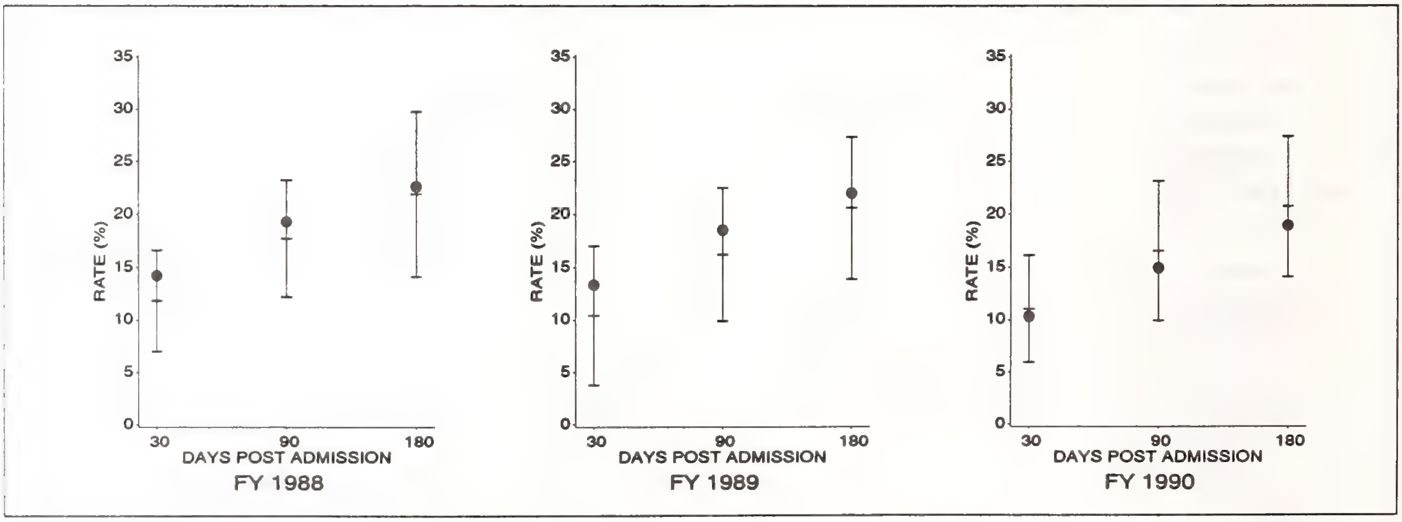
100 JOHN ST
TROY, PA 16947
Medicare Provider Number: 390213

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	175	10.3	11.0	2.5	14.9	16.5	3.3	18.9	20.7	3.3
CONDITIONS:										
Acute Myocardial Infarction	2	0.0	23.7	-----	0.0	26.7	-----	0.0	30.3	-----
Congestive Heart Failure	18	0.0	15.2	-----	5.6	24.5	-----	11.1	30.7	-----
Pneumonia/Influenza	23	17.4	11.9	-----	21.7	16.2	-----	21.7	19.5	-----
Chronic Obstructive Pulmonary Disease	6	0.0	9.7	-----	33.3	18.0	-----	33.3	24.5	-----
Transient Cerebral Ischemia	2	0.0	1.2	-----	0.0	3.0	-----	0.0	5.2	-----
Stroke	6	33.3	17.6	-----	50.0	24.5	-----	66.7	28.6	-----
Hip Fracture	0									
Sepsis	8	37.5	43.1	-----	37.5	51.8	-----	50.0	56.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	2	0.0	1.4	-----	0.0	2.6	-----	0.0	3.4	-----
Hysterectomy	1	0.0	0.3	-----	0.0	0.8	-----	0.0	1.5	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



TROY COMMUNITY HOSPITAL INC
Medicare Provider Number: 390213

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	78.3 years
Proportion female	57.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	34.9 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	0.0 %
Admitted for emergency	0.0 %

COMORBIDITIES:	
Cancer	5.7 %
Chronic cardiovascular disease	25.1 %
Chronic liver disease	1.1 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	15.4 %
Cerebrovascular degeneration	12.6 %
Diabetes mellitus	2.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	73.6%
State	21.3%
Outside State	5.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	5.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	45
Occupancy Rate	46.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	60.6 %
Case Mix Index (CMI)	0.9977
STAFFING:	
Total Number of Physicians	11
Percent of Physicians Board Certified Specialists	45.5 %
Medical Residents/Interns	0
Registered Nurses	19
Licensed Practical Nurses	9

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

TYLER MEMORIAL HOSPITAL

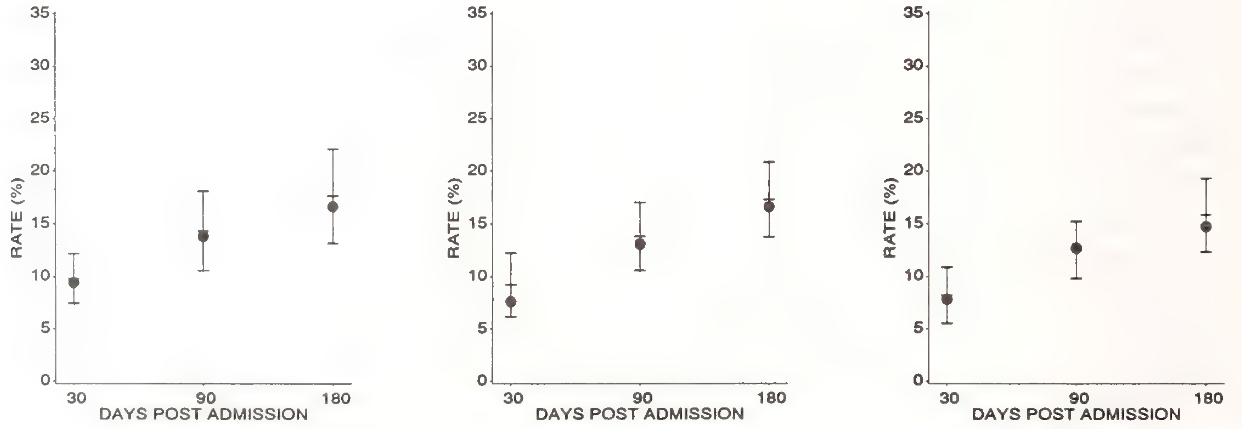
ROUTE 6 & RD 1
TUNKHANNOCK, PA 18657
Medicare Provider Number: 390192

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	714	7.8	8.2	1.3	12.7	12.5	1.4	14.7	15.8	1.7
CONDITIONS:										
Acute Myocardial Infarction	26	23.1	26.6	-----	34.6	29.6	-----	38.5	32.2	-----
Congestive Heart Failure	45	15.6	14.1	-----	17.8	22.2	-----	26.7	28.2	-----
Pneumonia/Influenza	56	5.4	12.9	9.3	10.7	18.0	10.2	17.9	21.7	9.0
Chronic Obstructive Pulmonary Disease	17	0.0	6.4	-----	0.0	12.4	-----	0.0	17.4	-----
Transient Cerebral Ischemia	16	6.3	1.8	-----	6.3	4.3	-----	6.3	7.3	-----
Stroke	30	23.3	13.3	-----	30.0	18.4	-----	30.0	21.6	-----
Hip Fracture	16	12.5	9.1	-----	18.8	15.0	-----	18.8	18.8	-----
Sepsis	10	30.0	21.9	-----	40.0	28.7	-----	40.0	33.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	20.0	9.4	-----	20.0	15.2	-----	30.0	19.4	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.3	-----	12.5	9.0	-----	12.5	12.9	-----
Open Reduction of Hip Fracture	6	0.0	5.2	-----	0.0	9.4	-----	0.0	12.4	-----
Prostatectomy	0									
Cholecystectomy	18	0.0	4.0	-----	11.1	7.8	-----	11.1	10.3	-----
Hysterectomy	2	0.0	0.0	-----	0.0	0.1	-----	0.0	0.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

TYLER MEMORIAL HOSPITAL
Medicare Provider Number: 390192

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		**COMORBIDITIES:**	
Average age at admission	75.7 years	Cancer	5.0 %
Proportion female	62.0 %	Chronic cardiovascular disease	43.3 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	32.1 %	Chronic renal disease	2.4 %
Transferred from skilled nursing facility	3.4 %	Chronic pulmonary disease	18.9 %
Admitted for elective procedure	10.9 %	Cerebrovascular degeneration	1.8 %
Admitted for emergency	5.6 %	Diabetes mellitus	8.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		**MEDICARE AVERAGE LENGTH OF STAY:**	
County/City	66.1%	Hospital	8.8 Days
State	30.5%	State	9.2 Days
Outside State	3.4%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		**SPECIALTY SERVICES:**	
Total Beds	89	Burn Unit	No
Occupancy Rate	52.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	39.5 %	Hospice Care	No
Case Mix Index (CMI)	1.1024	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	21	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	95.2 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	76	Rehabilitation	No
Licensed Practical Nurses	38	Psychiatric	No
		Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

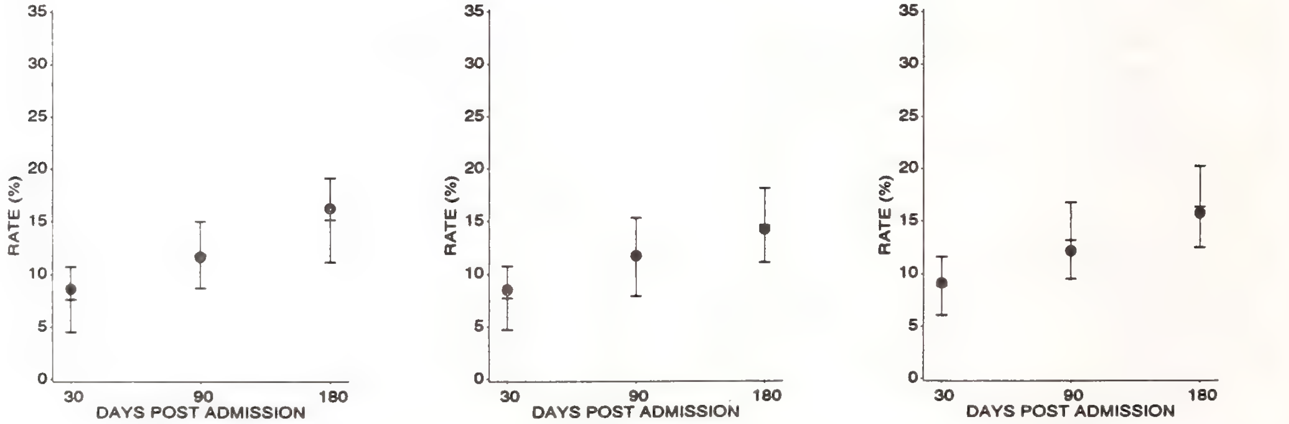
TYRONE HOSPITAL
CLAY AVE EXTENSION
TYRONE, PA 16686
Medicare Provider Number: 390152

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	464	9.1	8.8	1.4	12.1	13.1	1.8	15.7	16.3	1.9
CONDITIONS:										
Acute Myocardial Infarction	14	28.6	26.6	-----	28.6	29.5	-----	35.7	32.3	-----
Congestive Heart Failure	33	3.0	14.4	-----	9.1	23.0	-----	18.2	29.2	-----
Pneumonia/Influenza	18	5.6	14.9	-----	5.6	20.4	-----	11.1	24.1	-----
Chronic Obstructive Pulmonary Disease	6	16.7	6.7	-----	33.3	12.6	-----	33.3	17.3	-----
Transient Cerebral Ischemia	10	0.0	2.0	-----	10.0	4.6	-----	30.0	7.6	-----
Stroke	13	30.8	17.4	-----	38.5	24.7	-----	38.5	28.7	-----
Hip Fracture	14	0.0	6.8	-----	7.1	12.0	-----	14.3	15.5	-----
Sepsis	3	66.7	27.2	-----	66.7	33.9	-----	66.7	39.1	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	10	10.0	3.7	-----	10.0	7.5	-----	20.0	11.1	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	9	0.0	8.2	-----	11.1	15.0	-----	22.2	19.6	-----
Open Reduction of Hip Fracture	4	0.0	3.8	-----	0.0	7.0	-----	0.0	9.2	-----
Prostatectomy	14	14.3	1.1	-----	14.3	2.7	-----	14.3	4.5	-----
Cholecystectomy	7	0.0	4.6	-----	0.0	7.7	-----	0.0	10.1	-----
Hysterectomy	4	0.0	0.1	-----	0.0	0.2	-----	0.0	0.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

TYRONE HOSPITAL

Medicare Provider Number: 390152

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.6 years	Cancer	4.3 %
Proportion female	61.9 %	Chronic cardiovascular disease	42.4 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.1 %
Referred by personal or HMO physician	46.7 %	Chronic renal disease	3.7 %
Transferred from skilled nursing facility	0.0 %	Chronic pulmonary disease	14.0 %
Admitted for elective procedure	8.2 %	Cerebrovascular degeneration	3.2 %
Admitted for emergency	43.9 %	Diabetes mellitus	12.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	80.6%	Hospital	6.3 Days
State	18.1%	State	9.2 Days
Outside State	1.3%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	59	Burn Unit	No
Occupancy Rate	40.0 %	Cardiac Intensive Care	No
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	41.4 %	Hospice Care	No
Case Mix Index (CMI)	1.0035	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	(Not Available)	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	(Not Available)	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	(Not Available)	Alcohol/Drug	Yes
Registered Nurses	(Not Available)	Rehabilitation	No
Licensed Practical Nurses	(Not Available)	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

UNION CITY MEMORIAL HOSPITAL

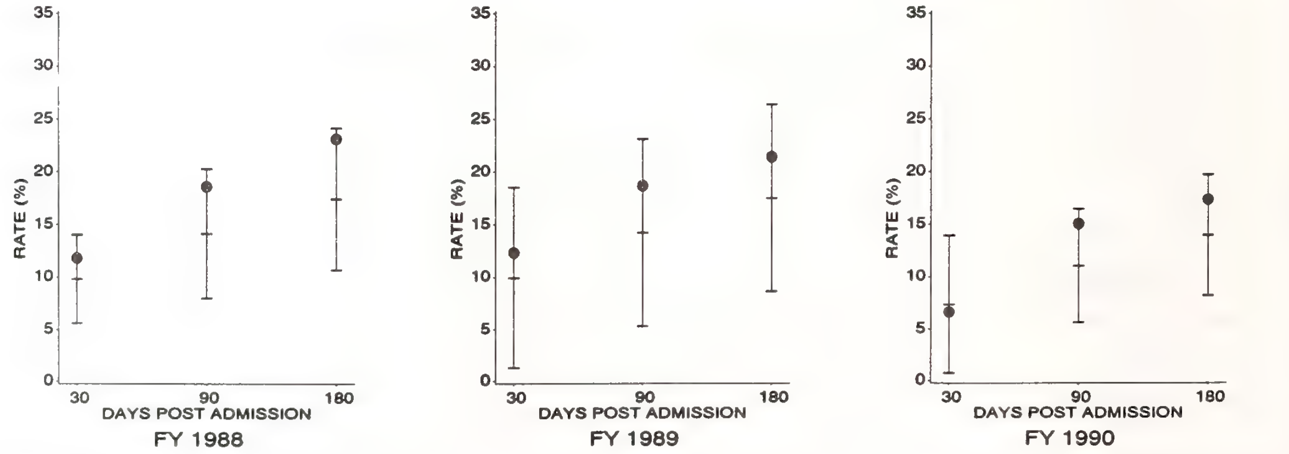
130 N MAIN ST
UNION CITY, PA 16438
Medicare Provider Number: 390040

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

		MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
CATEGORY	NUMBER OF CASES	OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	226	6.6	7.3	3.3	15.0	11.0	2.7	17.3	13.9	2.9
CONDITIONS:										
Acute Myocardial Infarction	6	16.7	26.2	-----	33.3	28.4	-----	33.3	31.3	-----
Congestive Heart Failure	15	13.3	13.0	-----	20.0	20.1	-----	20.0	25.6	-----
Pneumonia/Influenza	17	17.6	13.0	-----	29.4	17.0	-----	29.4	20.4	-----
Chronic Obstructive Pulmonary Disease	11	9.1	13.6	-----	27.3	23.1	-----	27.3	29.5	-----
Transient Cerebral Ischemia	4	0.0	1.7	-----	0.0	3.9	-----	0.0	6.3	-----
Stroke	12	16.7	20.3	-----	41.7	26.2	-----	50.0	30.4	-----
Hip Fracture	1	0.0	8.2	-----	0.0	13.2	-----	0.0	15.6	-----
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	1	0.0	7.5	-----	0.0	12.7	-----	0.0	15.2	-----
Open Reduction of Hip Fracture	0									
Prostatectomy	5	0.0	1.3	-----	0.0	3.0	-----	0.0	4.8	-----
Cholecystectomy	4	0.0	1.5	-----	0.0	2.5	-----	0.0	3.3	-----
Hysterectomy	2	0.0	0.1	-----	0.0	0.4	-----	0.0	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

UNION CITY MEMORIAL HOSPITAL

Medicare Provider Number: 390040

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	73.9 years
Proportion female	56.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	72.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	2.7 %
Admitted for emergency	7.5 %

COMORBIDITIES:

Cancer	2.2 %
Chronic cardiovascular disease	54.9 %
Chronic liver disease	0.0 %
Chronic renal disease	0.0 %
Chronic pulmonary disease	10.6 %
Cerebrovascular degeneration	0.0 %
Diabetes mellitus	4.9 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	87.6%
State	10.0%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.0 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	35
Occupancy Rate	34.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	37.0 %
Case Mix Index (CMI)	0.9543

STAFFING:

Total Number of Physicians	8
Percent of Physicians Board Certified Specialists	37.5 %
Medical Residents/Interns	0
Registered Nurses	24
Licensed Practical Nurses	2

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

*** Not used in calculating mortality rates**

UNIONTOWN HOSPITAL

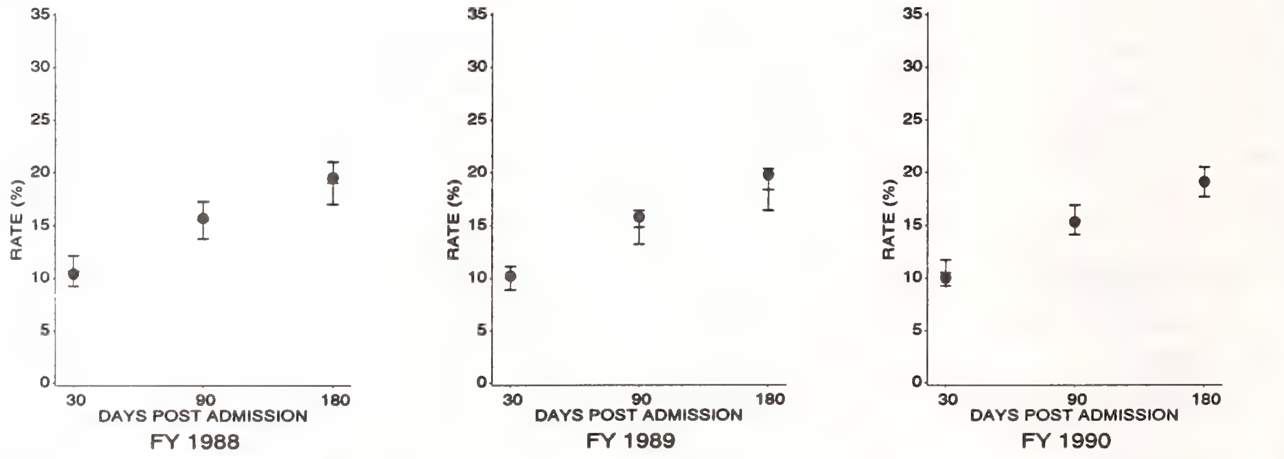
500 W BERKLEY ST
UNIONTOWN, PA 15401
Medicare Provider Number: 390041

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	PRED	SD*	90 DAYS OBS	PRED	SD*	180 DAYS OBS	PRED	SD*
ALL CAUSES	3019	10.0	10.5	0.6	15.3	15.5	0.7	19.1	19.1	0.7
CONDITIONS:										
Acute Myocardial Infarction	103	35.9	29.9	9.5	40.8	32.8	9.5	43.7	35.7	9.5
Congestive Heart Failure	219	16.0	16.3	2.7	27.4	25.6	3.3	34.2	32.4	3.6
Pneumonia/Influenza	142	16.9	17.2	5.5	24.6	23.5	5.0	31.0	27.5	5.9
Chronic Obstructive Pulmonary Disease	53	1.9	8.0	4.7	7.5	13.4	5.9	9.4	17.7	7.2
Transient Cerebral Ischemia	60	0.0	1.4	2.0	0.0	3.4	3.7	3.3	5.6	3.6
Stroke	109	19.3	17.8	5.2	27.5	24.1	5.5	30.3	28.1	5.5
Hip Fracture	61	6.6	7.5	4.1	9.8	13.3	5.2	19.7	17.4	5.2
Sepsis	37	29.7	30.6	-----	37.8	38.4	-----	40.5	43.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	32	3.1	2.9	-----	3.1	5.8	-----	3.1	8.6	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	29	6.9	3.5	-----	13.8	6.4	-----	20.7	8.6	-----
Open Reduction of Hip Fracture	28	3.6	7.2	-----	7.1	13.4	-----	14.3	17.7	-----
Prostatectomy	151	1.3	0.9	1.3	4.0	2.1	2.0	4.6	3.6	1.8
Cholecystectomy	54	3.7	3.1	2.6	3.7	5.4	3.5	5.6	7.0	4.0
Hysterectomy	24	0.0	1.1	-----	0.0	2.1	-----	4.2	3.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

UNIONTOWN HOSPITAL

Medicare Provider Number: 390041

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	75.0 years
Proportion female	54.1 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	22.8 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	13.0 %
Admitted for emergency	25.5 %

COMORBIDITIES:	
Cancer	7.9 %
Chronic cardiovascular disease	37.8 %
Chronic liver disease	1.0 %
Chronic renal disease	2.4 %
Chronic pulmonary disease	14.5 %
Cerebrovascular degeneration	4.0 %
Diabetes mellitus	5.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	92.4%
State	6.1%
Outside State	1.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	8.7 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	230
Occupancy Rate	78.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	53.2 %
Case Mix Index (CMI)	1.1706
STAFFING:	
Total Number of Physicians	66
Percent of Physicians Board Certified Specialists	75.8 %
Medical Residents/Interns	0
Registered Nurses	228
Licensed Practical Nurses	0

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

UNITED COMMUNITY HOSPITAL

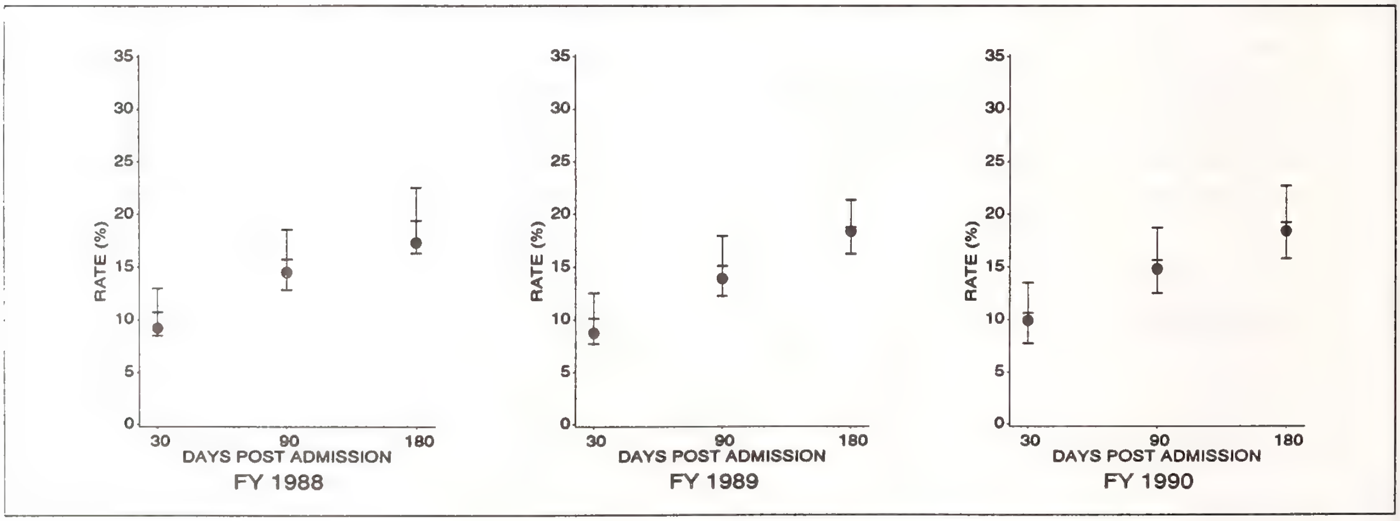
RD 5 & CRANBERRY RD, BOX 5005
GROVE CITY, PA 16127
Medicare Provider Number: 390266

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1106	9.9	10.6	1.4	14.8	15.6	1.6	18.4	19.2	1.7
CONDITIONS:										
Acute Myocardial Infarction	37	32.4	32.6	-----	35.1	35.2	-----	35.1	37.8	-----
Congestive Heart Failure	61	23.0	15.9	9.0	32.8	25.2	8.7	36.1	31.7	7.1
Pneumonia/Influenza	83	10.8	18.7	9.4	21.7	25.5	9.1	25.3	30.3	8.1
Chronic Obstructive Pulmonary Disease	37	5.4	9.2	-----	13.5	15.4	-----	18.9	19.8	-----
Transient Cerebral Ischemia	30	0.0	2.1	-----	0.0	4.3	-----	3.3	6.7	-----
Stroke	40	27.5	19.4	-----	32.5	26.4	-----	35.0	30.6	-----
Hip Fracture	25	8.0	7.6	-----	12.0	13.5	-----	24.0	17.0	-----
Sepsis	9	44.4	39.5	-----	55.6	47.3	-----	55.6	52.7	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	6	0.0	2.8	-----	0.0	5.8	-----	0.0	8.7	-----
Carotid Endarterectomy	26	3.8	1.2	-----	3.8	2.3	-----	3.8	3.4	-----
Hip Replacement/Reconstruction	10	0.0	4.4	-----	0.0	8.2	-----	0.0	11.2	-----
Open Reduction of Hip Fracture	13	7.7	5.2	-----	7.7	9.1	-----	15.4	11.8	-----
Prostatectomy	36	0.0	1.9	-----	5.6	4.7	-----	11.1	7.9	-----
Cholecystectomy	23	4.3	1.3	-----	4.3	2.2	-----	8.7	2.9	-----
Hysterectomy	5	0.0	0.9	-----	0.0	2.0	-----	0.0	3.0	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



UNITED COMMUNITY HOSPITAL
Medicare Provider Number: 390266

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.9 years	Cancer	8.3 %
Proportion female	56.1 %	Chronic cardiovascular disease	39.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.8 %
Referred by personal or HMO physician	33.3 %	Chronic renal disease	2.2 %
Transferred from skilled nursing facility	10.0 %	Chronic pulmonary disease	21.2 %
Admitted for elective procedure	13.6 %	Cerebrovascular degeneration	3.2 %
Admitted for emergency	52.5 %	Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	55.8%	Hospital	7.8 Days
State	42.4%	State	9.2 Days
Outside State	1.8%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	106	Burn Unit	No
Occupancy Rate	61.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	44.3 %	Hospice Care	No
Case Mix Index (CMI)	1.1372	Medical/Surgical Intensive Care	No
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	36	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	63.9 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	0	Alcohol/Drug	No
Registered Nurses	124	Rehabilitation	No
Licensed Practical Nurses	21	Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

WARMINSTER GENERAL HOSPITAL

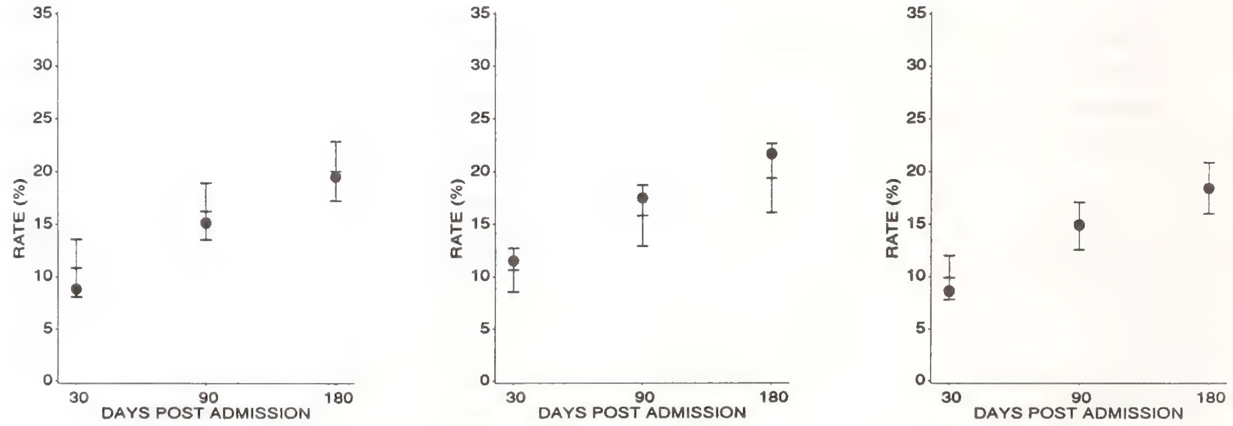
225 NEWTOWN RD
WARMINSTER, PA 18974
Medicare Provider Number: 390260

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1098	8.6	9.9	1.1	14.9	14.8	1.1	18.4	18.4	1.2
CONDITIONS:										
Acute Myocardial Infarction	39	25.6	28.7	-----	43.6	31.9	-----	48.7	34.7	-----
Congestive Heart Failure	56	5.4	13.9	7.8	14.3	22.0	9.8	17.9	27.8	10.2
Pneumonia/Influenza	52	21.2	17.9	6.0	25.0	24.6	7.6	26.9	28.7	7.7
Chronic Obstructive Pulmonary Disease	26	7.7	9.5	-----	19.2	17.0	-----	19.2	22.5	-----
Transient Cerebral Ischemia	27	3.7	2.1	-----	7.4	4.5	-----	11.1	7.2	-----
Stroke	47	12.8	21.1	-----	21.3	28.2	-----	27.7	32.2	-----
Hip Fracture	33	0.0	8.7	-----	9.1	15.9	-----	15.2	20.6	-----
Sepsis	25	16.0	25.8	-----	28.0	31.8	-----	40.0	36.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	0.0	3.1	-----	0.0	6.1	-----	0.0	8.7	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	8	0.0	4.6	-----	0.0	8.7	-----	0.0	11.9	-----
Open Reduction of Hip Fracture	24	0.0	7.4	-----	8.3	13.9	-----	16.7	18.4	-----
Prostatectomy	17	0.0	1.1	-----	0.0	2.4	-----	0.0	4.0	-----
Cholecystectomy	14	7.1	4.0	-----	7.1	7.4	-----	7.1	9.5	-----
Hysterectomy	5	0.0	0.5	-----	0.0	1.3	-----	0.0	2.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

WARMINSTER GENERAL HOSPITAL

Medicare Provider Number: 390260

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.4 years
Proportion female	61.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	23.9 %
Transferred from skilled nursing facility	1.8 %
Admitted for elective procedure	6.6 %
Admitted for emergency	69.6 %

COMORBIDITIES:

Cancer	6.1 %
Chronic cardiovascular disease	35.9 %
Chronic liver disease	0.8 %
Chronic renal disease	2.8 %
Chronic pulmonary disease	16.8 %
Cerebrovascular degeneration	5.7 %
Diabetes mellitus	6.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	61.1%
State	36.5%
Outside State	2.4%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	200
Occupancy Rate	53.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	92.8 %
Case Mix Index (CMI)	1.1865

STAFFING:

Total Number of Physicians	175
Percent of Physicians Board Certified Specialists	64.6 %
Medical Residents/Interns	(Not Available)
Registered Nurses	(Not Available)
Licensed Practical Nurses	(Not Available)

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	Yes

*** Not used in calculating mortality rates**

WARREN GENERAL HOSPITAL

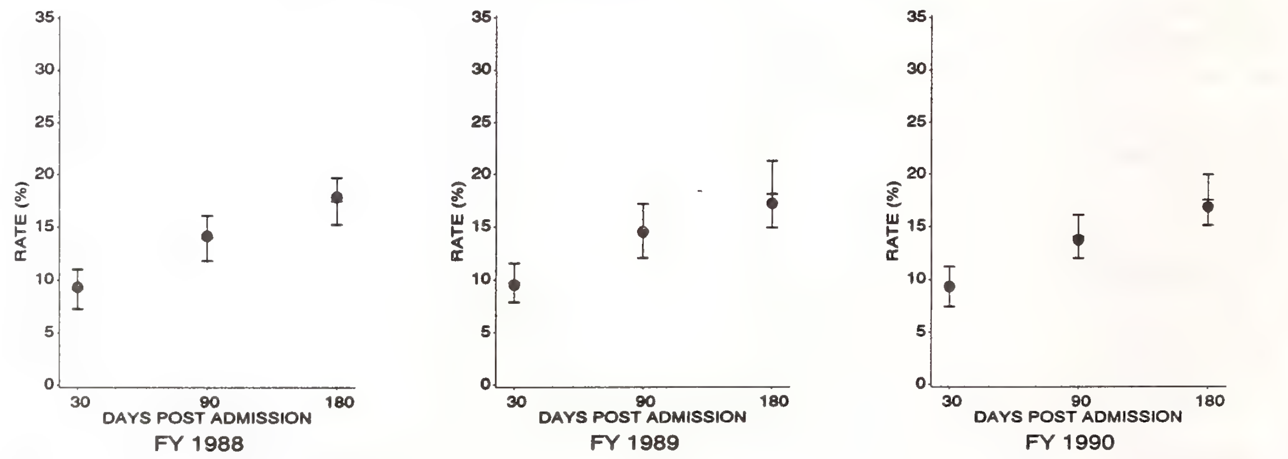
2-12 CRESCENT PARK WEST
WARREN, PA 16365
Medicare Provider Number: 390146

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1199	9.3	9.3	1.0	13.7	14.0	1.0	16.8	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction	50	38.0	25.5	-----	38.0	28.5	-----	40.0	31.1	-----
Congestive Heart Failure	82	15.9	12.8	4.1	19.5	20.2	4.5	23.2	25.7	6.0
Pneumonia/Influenza	59	13.6	12.9	4.6	16.9	17.5	5.0	16.9	21.2	6.6
Chronic Obstructive Pulmonary Disease	16	25.0	6.4	-----	25.0	11.3	-----	31.3	14.9	-----
Transient Cerebral Ischemia	32	3.1	1.7	-----	6.3	4.0	-----	9.4	6.6	-----
Stroke	57	10.5	18.8	10.5	21.1	25.5	9.8	28.1	29.4	9.1
Hip Fracture	52	3.8	5.8	4.6	7.7	10.7	6.3	9.6	14.2	6.9
Sepsis	14	21.4	23.8	-----	21.4	30.9	-----	21.4	35.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	9	11.1	3.5	-----	11.1	7.0	-----	11.1	10.0	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	34	0.0	3.5	-----	2.9	6.8	-----	2.9	9.3	-----
Open Reduction of Hip Fracture	32	6.3	4.8	-----	9.4	9.0	-----	12.5	12.1	-----
Prostatectomy	56	0.0	1.0	1.8	1.8	2.3	2.0	1.8	3.8	3.1
Cholecystectomy	22	0.0	3.9	-----	0.0	6.6	-----	0.0	8.1	-----
Hysterectomy	13	0.0	0.9	-----	7.7	2.0	-----	7.7	2.9	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WARREN GENERAL HOSPITAL
Medicare Provider Number: 390146

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	75.2 years
Proportion female	54.8 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	42.0 %
Transferred from skilled nursing facility	3.1 %
Admitted for elective procedure	15.1 %
Admitted for emergency	11.6 %

COMORBIDITIES:

Cancer	7.3 %
Chronic cardiovascular disease	39.4 %
Chronic liver disease	1.1 %
Chronic renal disease	1.6 %
Chronic pulmonary disease	15.8 %
Cerebrovascular degeneration	5.2 %
Diabetes mellitus	7.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	86.5%
State	8.5%
Outside State	5.0%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	123
Occupancy Rate	58.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	41.0 %
Case Mix Index (CMI)	1.1608

STAFFING:

Total Number of Physicians	57
Percent of Physicians Board Certified Specialists	64.9 %
Medical Residents/Interns	0
Registered Nurses	134
Licensed Practical Nurses	27

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

WASHINGTON HOSPITAL

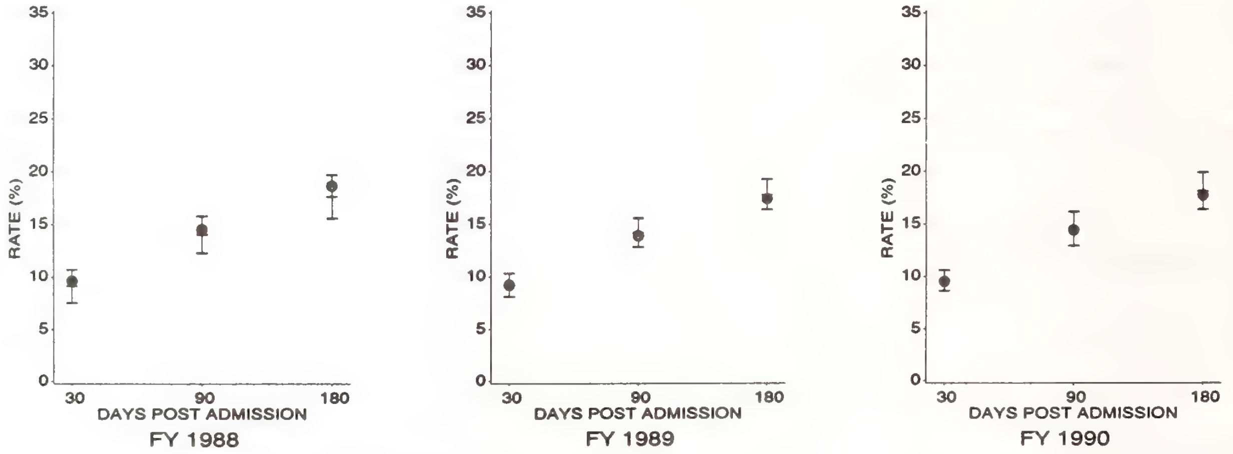
155 WILSON AVENUE
WASHINGTON, PA 15301
Medicare Provider Number: 390042

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3628	9.5	9.6	0.5	14.4	14.5	0.8	17.7	18.1	0.9
CONDITIONS:										
Acute Myocardial Infarction	129	31.0	26.7	4.7	34.1	29.8	4.6	34.9	32.6	4.3
Congestive Heart Failure	198	16.2	15.5	2.7	26.8	24.3	4.0	32.3	30.7	4.5
Pneumonia/Influenza	206	15.5	19.3	4.3	23.3	26.2	5.2	28.2	30.5	4.3
Chronic Obstructive Pulmonary Disease	97	8.2	9.0	3.2	12.4	15.4	4.9	17.5	20.0	5.9
Transient Cerebral Ischemia	75	1.3	1.6	1.7	4.0	3.5	2.2	5.3	5.7	2.9
Stroke	151	16.6	18.5	4.0	21.2	25.5	5.8	23.8	29.4	6.4
Hip Fracture	81	7.4	6.4	2.9	14.8	11.3	4.6	18.5	14.7	6.9
Sepsis	34	44.1	29.9	-----	52.9	38.5	-----	58.8	43.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	32	3.1	4.7	-----	6.3	8.2	-----	12.5	11.2	-----
Carotid Endarterectomy	12	8.3	1.4	-----	8.3	2.6	-----	8.3	3.7	-----
Hip Replacement/Reconstruction	68	4.4	2.4	2.5	5.9	4.5	2.9	5.9	6.1	3.0
Open Reduction of Hip Fracture	43	9.3	6.5	-----	20.9	11.7	-----	27.9	15.4	-----
Prostatectomy	98	1.0	1.2	1.3	2.0	2.8	1.8	2.0	4.7	2.9
Cholecystectomy	78	1.3	2.7	2.4	2.6	5.0	3.4	6.4	6.8	4.0
Hysterectomy	31	0.0	1.1	-----	3.2	2.4	-----	3.2	3.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WASHINGTON HOSPITAL

Medicare Provider Number: 390042

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	75.0 years	Cancer	8.3 %
Proportion female	56.7 %	Chronic cardiovascular disease	36.4 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	1.3 %
Referred by personal or HMO physician	25.0 %	Chronic renal disease	3.7 %
Transferred from skilled nursing facility	1.1 %	Chronic pulmonary disease	12.9 %
Admitted for elective procedure	13.0 %	Cerebrovascular degeneration	3.8 %
Admitted for emergency	50.4 %	Diabetes mellitus	5.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	90.0%	Hospital	8.4 Days
State	8.4%	State	9.2 Days
Outside State	1.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	298	Burn Unit	No
Occupancy Rate	78.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	No
Medicare Discharges	(Not Available)	Hospice Care	No
Case Mix Index (CMI)	1.1918	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	168	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	91.7 %	Trauma Center	No
		OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Medical Residents/Interns	16	Alcohol/Drug	No
Registered Nurses	294	Rehabilitation	No
Licensed Practical Nurses	10	Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

* Not used in calculating mortality rates

WAYNE MEMORIAL HOSPITAL

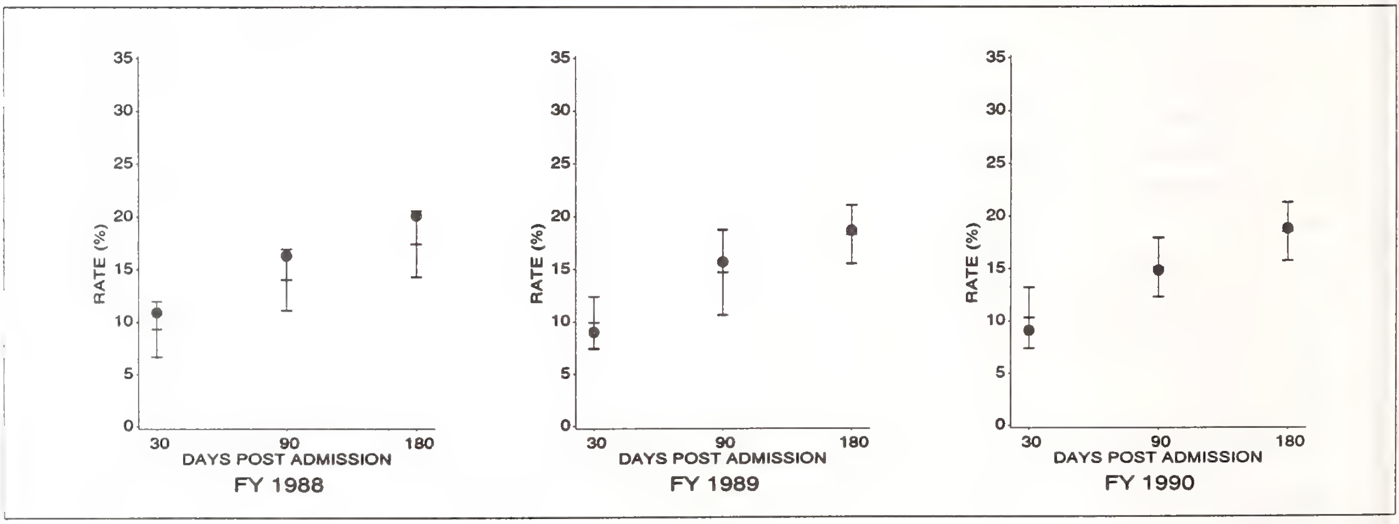
601 PARK STREET
HONESDALE, PA 18431
Medicare Provider Number: 390125

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	1000	9.1	10.3	1.5	14.8	15.1	1.4	18.8	18.5	1.4
CONDITIONS:										
Acute Myocardial Infarction	62	22.6	26.2	6.3	29.0	29.5	7.7	30.6	32.3	7.1
Congestive Heart Failure	74	10.8	14.0	8.7	18.9	22.3	9.0	24.3	28.3	7.6
Pneumonia/Influenza	53	15.1	15.1	5.0	20.8	21.0	5.7	26.4	24.8	6.1
Chronic Obstructive Pulmonary Disease	13	23.1	9.9	-----	38.5	16.2	-----	46.2	21.0	-----
Transient Cerebral Ischemia	23	0.0	1.6	-----	0.0	3.6	-----	4.3	5.9	-----
Stroke	44	13.6	17.3	-----	27.3	24.0	-----	31.8	28.0	-----
Hip Fracture	27	3.7	5.4	-----	3.7	9.5	-----	7.4	12.5	-----
Sepsis	11	27.3	20.4	-----	36.4	25.5	-----	45.5	29.9	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	2.3	-----	0.0	4.7	-----	0.0	7.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	22	4.5	5.9	-----	4.5	9.7	-----	9.1	12.3	-----
Open Reduction of Hip Fracture	11	0.0	4.7	-----	0.0	8.9	-----	9.1	11.9	-----
Prostatectomy	25	0.0	0.7	-----	0.0	1.5	-----	4.0	2.7	-----
Cholecystectomy	11	0.0	2.3	-----	0.0	4.1	-----	9.1	5.1	-----
Hysterectomy	6	0.0	0.3	-----	0.0	0.8	-----	0.0	1.3	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WAYNE MEMORIAL HOSPITAL
Medicare Provider Number: 390125

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	76.0 years
Proportion female	55.7 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	30.8 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	10.1 %
Admitted for emergency	1.5 %

COMORBIDITIES:	
Cancer	6.0 %
Chronic cardiovascular disease	40.3 %
Chronic liver disease	0.7 %
Chronic renal disease	3.2 %
Chronic pulmonary disease	13.3 %
Cerebrovascular degeneration	4.4 %
Diabetes mellitus	6.1 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	69.9%
State	12.8%
Outside State	17.3%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.9 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	119
Occupancy Rate	77.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	44.0 %
Case Mix Index (CMI)	1.2055
STAFFING:	
Total Number of Physicians	42
Percent of Physicians Board Certified Specialists	73.8 %
Medical Residents/Interns	0
Registered Nurses	116
Licensed Practical Nurses	10

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	Yes

** Except for CMI

* Not used in calculating mortality rates

WAYNESBORO HOSPITAL

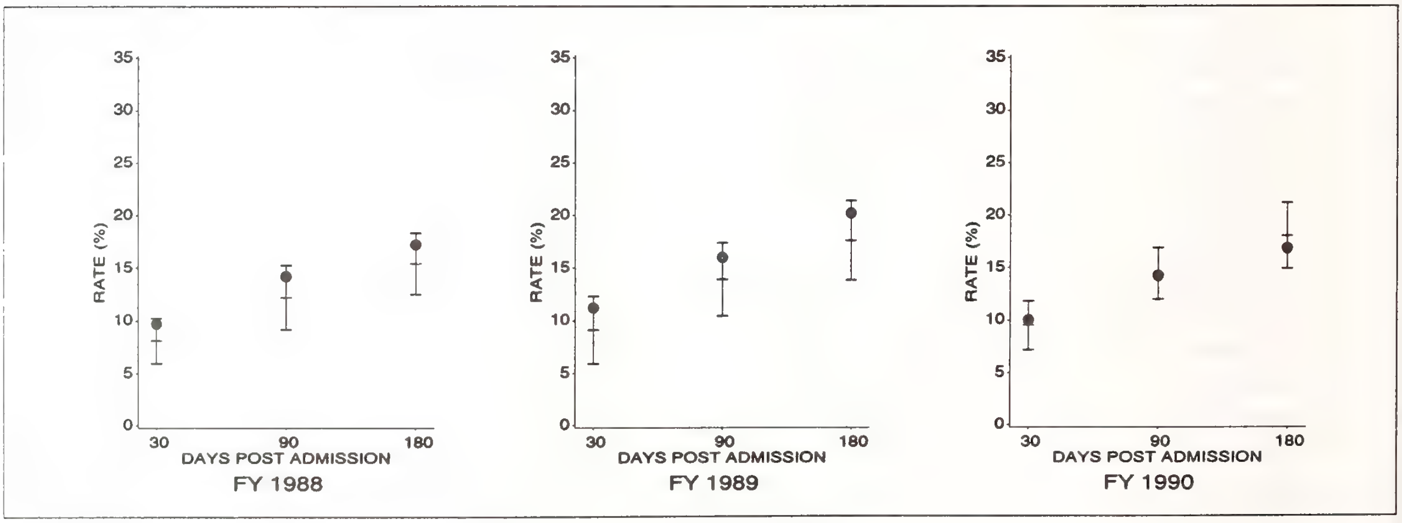
E MAIN ST
WAYNESBORO, PA 17268
Medicare Provider Number: 390138

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	839	10.0	9.5	1.2	14.2	14.4	1.2	16.8	18.0	1.6
CONDITIONS:										
Acute Myocardial Infarction	38	21.1	22.3	-----	21.1	25.0	-----	26.3	27.5	-----
Congestive Heart Failure	59	11.9	16.0	5.8	23.7	25.0	7.6	23.7	31.3	7.8
Pneumonia/Influenza	51	13.7	12.8	4.8	17.6	18.4	5.5	21.6	22.2	6.8
Chronic Obstructive Pulmonary Disease	17	5.9	6.1	-----	5.9	11.2	-----	5.9	15.5	-----
Transient Cerebral Ischemia	10	0.0	1.0	-----	0.0	2.2	-----	0.0	3.8	-----
Stroke	34	23.5	18.0	-----	26.5	24.1	-----	32.4	28.0	-----
Hip Fracture	31	0.0	5.4	-----	3.2	10.2	-----	9.7	14.0	-----
Sepsis	17	35.3	27.1	-----	41.2	34.9	-----	47.1	39.4	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	4	0.0	3.4	-----	0.0	6.6	-----	0.0	9.5	-----
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	6	0.0	3.0	-----	0.0	6.3	-----	0.0	9.3	-----
Open Reduction of Hip Fracture	21	0.0	4.7	-----	4.8	8.9	-----	14.3	12.5	-----
Prostatectomy	35	0.0	1.2	-----	2.9	2.9	-----	2.9	5.0	-----
Cholecystectomy	29	3.4	1.8	-----	6.9	3.8	-----	6.9	5.3	-----
Hysterectomy	8	0.0	0.1	-----	12.5	0.3	-----	12.5	0.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

WAYNESBORO HOSPITAL
Medicare Provider Number: 390138

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	76.5 years
Proportion female	56.7 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	33.7 %
Transferred from skilled nursing facility	0.8 %
Admitted for elective procedure	68.9 %
Admitted for emergency	19.0 %

COMORBIDITIES:

Cancer	8.0 %
Chronic cardiovascular disease	34.9 %
Chronic liver disease	1.3 %
Chronic renal disease	5.0 %
Chronic pulmonary disease	15.1 %
Cerebrovascular degeneration	6.8 %
Diabetes mellitus	7.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	88.5%
State	3.9%
Outside State	7.6%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	8.1 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	79
Occupancy Rate	58.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.9 %
Case Mix Index (CMI)	1.2729

STAFFING:

Total Number of Physicians	54
Percent of Physicians Board Certified Specialists	85.2 %
Medical Residents/Interns	0
Registered Nurses	63
Licensed Practical Nurses	27

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

WESTERN PENNSYLVANIA HOSPITAL

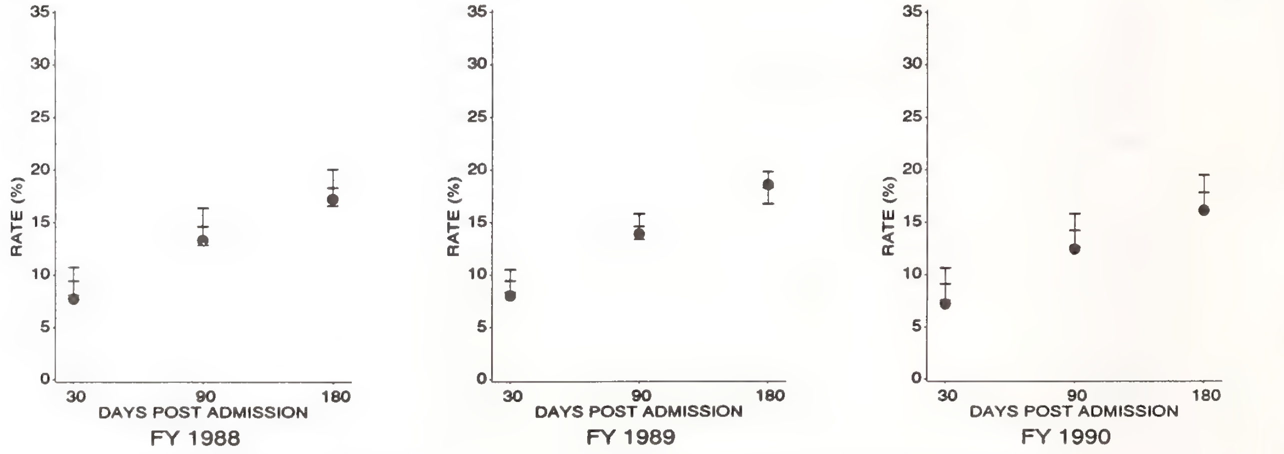
4800 FRIENDSHIP AVE
PITTSBURGH, PA 15224
Medicare Provider Number: 390090

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	3644	7.2	9.1	0.8	12.4	14.2	0.8	16.1	17.8	0.8
CONDITIONS:										
Acute Myocardial Infarction	88	11.4	22.5	6.1	15.9	25.6	7.3	15.9	28.3	6.8
Congestive Heart Failure	156	9.0	15.6	4.3	20.5	24.7	4.7	25.0	31.1	4.8
Pneumonia/Influenza	131	16.8	17.1	3.4	27.5	23.9	4.5	29.8	28.3	4.2
Chronic Obstructive Pulmonary Disease	28	3.6	5.9	-----	7.1	10.5	-----	10.7	14.5	-----
Transient Cerebral Ischemia	74	0.0	2.2	2.9	5.4	4.9	2.6	8.1	7.9	3.3
Stroke	108	13.0	21.9	5.8	19.4	28.6	6.6	22.2	32.5	7.1
Hip Fracture	49	12.2	9.3	-----	18.4	16.1	-----	20.4	20.9	-----
Sepsis	27	11.1	30.2	-----	22.2	40.7	-----	37.0	46.3	-----
PROCEDURES:										
Angioplasty	107	0.9	2.1	2.3	1.9	2.9	2.9	2.8	3.7	3.3
Coronary Artery Bypass Graft	170	3.5	5.5	2.3	4.1	8.3	2.8	5.3	9.7	2.9
Initial Pacemaker Insertion	49	2.0	3.5	-----	2.0	7.2	-----	8.2	10.3	-----
Carotid Endarterectomy	30	6.7	1.4	-----	6.7	2.7	-----	10.0	3.9	-----
Hip Replacement/Reconstruction	23	17.4	6.5	-----	21.7	11.5	-----	26.1	14.8	-----
Open Reduction of Hip Fracture	28	10.7	8.5	-----	14.3	15.7	-----	14.3	20.9	-----
Prostatectomy	68	1.5	1.4	1.5	4.4	3.3	2.5	5.9	5.7	4.3
Cholecystectomy	42	4.8	2.9	-----	4.8	4.9	-----	4.8	6.4	-----
Hysterectomy	29	0.0	0.5	-----	0.0	1.2	-----	3.4	2.1	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

WESTERN PENNSYLVANIA HOSPITAL

Medicare Provider Number: 390090

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	73.9 years
Proportion female	55.8 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	45.1 %
Transferred from skilled nursing facility	3.5 %
Admitted for elective procedure	21.5 %
Admitted for emergency	65.7 %

COMORBIDITIES:	
Cancer	8.2 %
Chronic cardiovascular disease	45.0 %
Chronic liver disease	1.1 %
Chronic renal disease	5.6 %
Chronic pulmonary disease	15.3 %
Cerebrovascular degeneration	5.7 %
Diabetes mellitus	8.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	72.9%
State	22.6%
Outside State	4.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	10.3 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	473
Occupancy Rate	81.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	40.7 %
Case Mix Index (CMI)	1.6674
STAFFING:	
Total Number of Physicians	416
Percent of Physicians Board Certified Specialists	86.8 %
Medical Residents/Interns	91
Registered Nurses	684
Licensed Practical Nurses	20

SPECIALTY SERVICES:	
Burn Unit	Yes
Cardiac Intensive Care	Yes
Comprehensive Geriatric	Yes
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

WESTMORELAND HOSPITAL ASSOCIATION

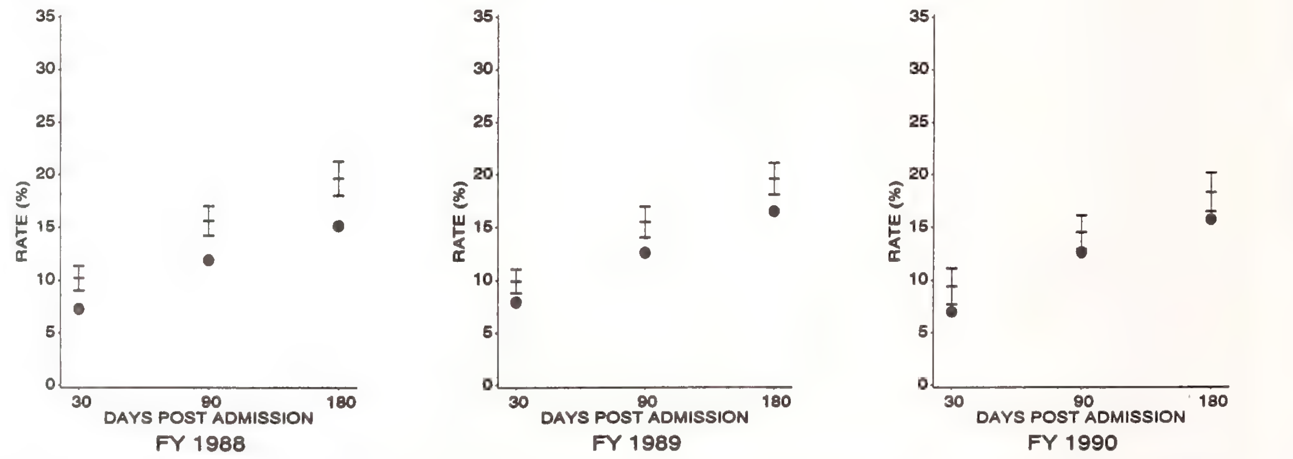
532 W PITTSBURGH ST
GREENSBURG, PA 15601
Medicare Provider Number: 390145

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	3458	7.0	9.4	0.9	12.6	14.5	0.8	15.7	18.3	0.9
CONDITIONS:										
Acute Myocardial Infarction	121	19.8	24.4	5.6	23.1	28.4	5.0	26.4	31.5	5.0
Congestive Heart Failure	210	9.5	16.1	3.8	21.0	25.6	4.2	26.2	32.1	4.0
Pneumonia/Influenza	140	11.4	17.5	6.7	20.0	23.8	6.9	22.9	28.0	7.3
Chronic Obstructive Pulmonary Disease	40	7.5	7.1	-----	12.5	12.0	-----	15.0	16.1	-----
Transient Cerebral Ischemia	58	1.7	1.9	1.8	1.7	4.4	3.6	5.2	7.5	5.1
Stroke	117	17.1	21.2	4.3	25.6	27.0	4.2	29.1	30.6	4.5
Hip Fracture	66	1.5	7.7	7.2	12.1	13.3	4.9	13.6	17.0	6.0
Sepsis	48	25.0	24.9	-----	35.4	34.0	-----	43.8	39.0	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	17	0.0	4.7	-----	0.0	9.1	-----	5.9	12.9	-----
Carotid Endarterectomy	11	0.0	1.7	-----	0.0	3.2	-----	0.0	4.6	-----
Hip Replacement/Reconstruction	65	1.5	4.3	3.5	7.7	7.5	4.0	7.7	9.7	4.0
Open Reduction of Hip Fracture	23	0.0	6.3	-----	4.3	11.1	-----	4.3	14.6	-----
Prostatectomy	81	2.5	1.1	1.9	3.7	2.3	2.5	3.7	3.9	3.1
Cholecystectomy	63	1.6	3.7	3.3	4.8	7.2	4.1	9.5	9.8	3.8
Hysterectomy	22	0.0	0.5	-----	4.5	1.0	-----	4.5	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WESTMORELAND HOSPITAL ASSOCICATION

Medicare Provider Number: 390145

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.0 years
Proportion female	57.3 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	30.3 %
Transferred from skilled nursing facility	5.6 %
Admitted for elective procedure	8.3 %
Admitted for emergency	79.0 %

COMORBIDITIES:

Cancer	9.0 %
Chronic cardiovascular disease	36.0 %
Chronic liver disease	1.2 %
Chronic renal disease	4.7 %
Chronic pulmonary disease	13.5 %
Cerebrovascular degeneration	4.3 %
Diabetes mellitus	8.0 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	91.7%
State	7.2%
Outside State	1.1%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	9.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	328
Occupancy Rate	79.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	46.8 %
Case Mix Index (CMI)	1.1930

STAFFING:

Total Number of Physicians	155
Percent of Physicians Board Certified Specialists	80.0 %
Medical Residents/Interns	0
Registered Nurses	369
Licensed Practical Nurses	23

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

WESTMORELAND-MC GINNIS HOSPITAL

221 WEST MAIN ST
LIGONIER, PA 15658
Medicare Provider Number: 390252

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	27	3.7	4.7	-----	7.4	7.7	-----	7.4	10.4	-----
CONDITIONS:										
Acute Myocardial Infarction	1	0.0	34.5	-----	0.0	37.0	-----	0.0	39.3	-----
Congestive Heart Failure	2	50.0	15.1	-----	100.0	27.3	-----	100.0	35.2	-----
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	1	0.0	16.5	-----	0.0	21.2	-----	0.0	24.7	-----
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

WESTMORELAND-MC GINNIS HOSPITAL
Medicare Provider Number: 390252

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	77.9 years	Cancer	3.7 %
Proportion female	70.4 %	Chronic cardiovascular disease	40.7 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.0 %
Referred by personal or HMO physician	88.9 %	Chronic renal disease	0.0 %
Transferred from skilled nursing facility	3.7 %	Chronic pulmonary disease	18.5 %
Admitted for elective procedure	0.0 %	Cerebrovascular degeneration	0.0 %
Admitted for emergency	88.9 %	Diabetes mellitus	3.7 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	63.9%	Hospital	4.3 Days
State	36.1%	State	9.2 Days
Outside State	0.0%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	4	Burn Unit	No
Ownership/Control	Private, For Profit	Coronary Care Unit	No
Case Mix Index (CMI)	0.7808	Hospice Care	No
STAFFING:		Intensive Care Unit	No
Medical Residents/Interns	0	Organ Transplant	No
Registered Nurses	12	Trauma Center	No
Licensed Practical Nurses	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
		Alcohol/Drug	No
		Rehabilitation	No
		Psychiatric	No
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

WILKES-BARRE GENERAL HOSPITAL

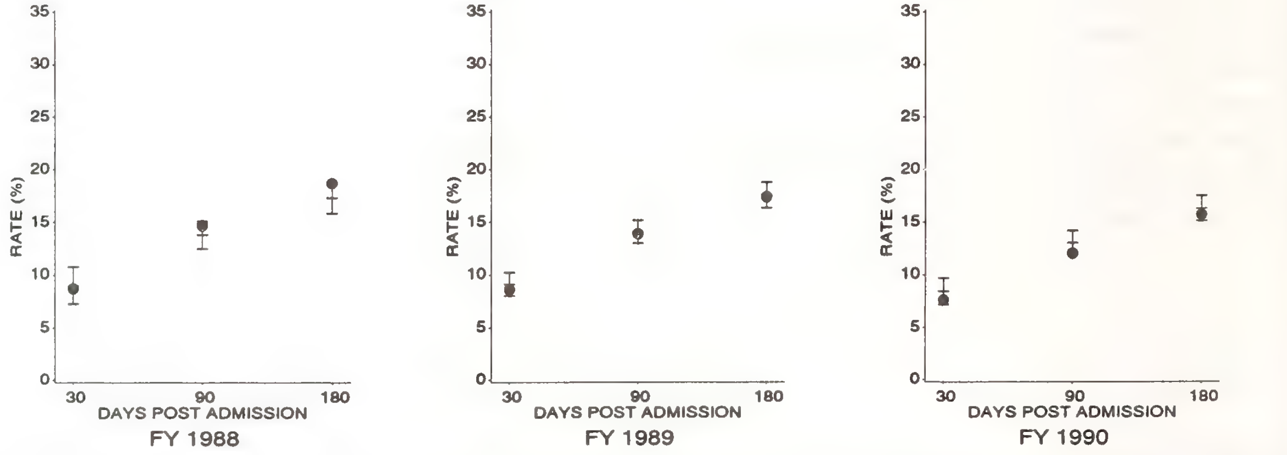
N RIVER & AUBURN STS
WILKES BARRE, PA 18764
Medicare Provider Number: 390064

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	4224	7.6	8.4	0.6	12.0	13.0	0.6	15.7	16.3	0.6
CONDITIONS:										
Acute Myocardial Infarction	90	23.3	25.5	4.8	28.9	28.3	4.9	30.0	31.0	5.6
Congestive Heart Failure	204	19.1	15.0	3.7	29.4	23.7	4.9	36.8	30.1	5.6
Pneumonia/Influenza	101	15.8	16.8	3.9	22.8	23.1	4.3	28.7	27.2	4.6
Chronic Obstructive Pulmonary Disease	63	6.3	8.9	6.6	12.7	15.5	8.3	17.5	20.4	7.7
Transient Cerebral Ischemia	95	5.3	1.6	3.4	7.4	3.5	4.4	9.5	5.8	4.6
Stroke	146	13.7	19.7	4.1	24.0	26.3	3.9	26.7	30.0	4.1
Hip Fracture	71	4.2	6.4	4.6	8.5	11.2	7.0	14.1	14.5	7.8
Sepsis	50	36.0	28.5	-----	38.0	37.6	-----	46.0	42.7	-----
PROCEDURES:										
Angioplasty	20	0.0	1.7	-----	0.0	2.4	-----	0.0	3.1	-----
Coronary Artery Bypass Graft	93	4.3	5.5	3.0	6.5	7.6	3.0	8.6	8.5	3.1
Initial Pacemaker Insertion	37	2.7	3.0	-----	8.1	5.7	-----	10.8	8.1	-----
Carotid Endarterectomy	31	0.0	1.4	-----	0.0	2.6	-----	3.2	3.7	-----
Hip Replacement/Reconstruction	55	1.8	2.4	2.1	7.3	4.6	3.6	9.1	6.3	4.4
Open Reduction of Hip Fracture	40	2.5	6.5	-----	2.5	11.5	-----	10.0	14.8	-----
Prostatectomy	106	0.0	0.9	1.2	1.9	2.0	1.4	2.8	3.4	1.9
Cholecystectomy	78	1.3	3.3	2.8	2.6	5.3	4.2	2.6	6.6	4.5
Hysterectomy	30	0.0	0.4	-----	0.0	1.0	-----	0.0	1.6	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

WILKES-BARRE GENERAL HOSPITAL
Medicare Provider Number: 390064

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:		COMORBIDITIES:	
Average age at admission	73.9 years	Cancer	7.8 %
Proportion female	59.0 %	Chronic cardiovascular disease	36.0 %
ADMISSION SOURCES/TYPES:		Chronic liver disease	0.7 %
Referred by personal or HMO physician	43.7 %	Chronic renal disease	4.5 %
Transferred from skilled nursing facility	1.6 %	Chronic pulmonary disease	16.1 %
Admitted for elective procedure	20.2 %	Cerebrovascular degeneration	3.1 %
Admitted for emergency	69.3 %	Diabetes mellitus	6.3 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:		MEDICARE AVERAGE LENGTH OF STAY:	
County/City	92.8%	Hospital	10.0 Days
State	5.6%	State	9.2 Days
Outside State	1.6%	National	8.6 Days
Total	100.0%		

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:		SPECIALTY SERVICES:	
Total Beds	447	Burn Unit	No
Occupancy Rate	71.0 %	Cardiac Intensive Care	Yes
Ownership.Control	Private, Non-Profit	Comprehensive Geriatric	Yes
Medicare Discharges	47.1 %	Hospice Care	No
Case Mix Index (CMI)	1.3502	Medical/Surgical Intensive Care	Yes
STAFFING:		Organ/Tissue Transplant	No
Total Number of Physicians	186	Other Intensive Care	No
Percent of Physicians Board Certified Specialists	70.4 %	Trauma Center	No
Medical Residents/Interns	0	OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Registered Nurses	383	Alcohol/Drug	No
Licensed Practical Nurses	102	Rehabilitation	No
		Psychiatric	Yes
		Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

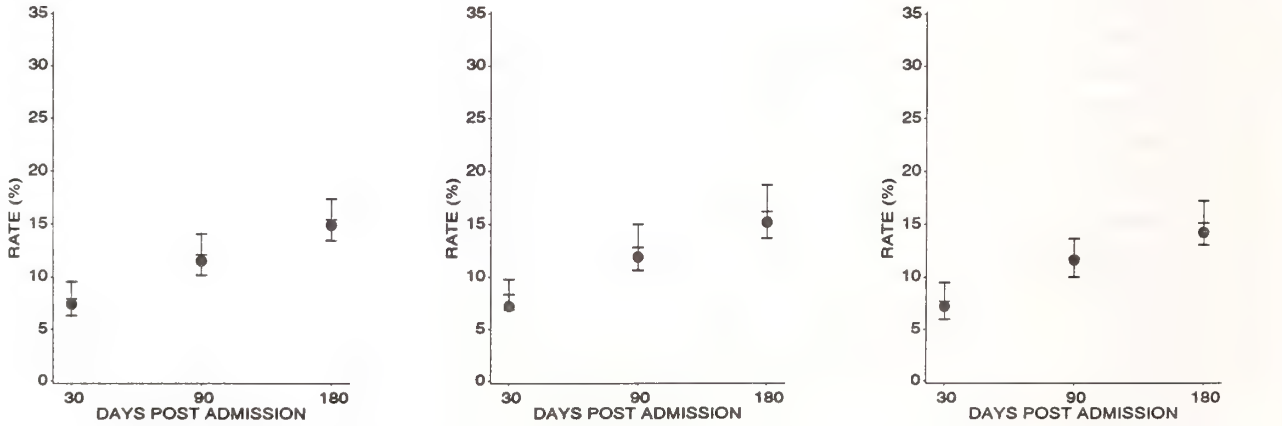
WILLIAMSPORT HOSPITAL
777 RURAL AVE
WILLIAMSPORT, PA 17701
Medicare Provider Number: 390045

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	2346	7.2	7.7	0.9	11.6	11.8	0.9	14.2	15.1	1.0
CONDITIONS:										
Acute Myocardial Infarction	79	20.3	24.5	7.1	22.8	27.6	8.2	25.3	30.3	9.2
Congestive Heart Failure	111	18.0	14.3	6.9	29.7	22.4	7.6	30.6	28.4	6.1
Pneumonia/Influenza	64	14.1	14.7	6.2	17.2	20.1	6.7	23.4	23.9	5.8
Chronic Obstructive Pulmonary Disease	50	16.0	8.9	-----	24.0	15.9	-----	32.0	20.9	-----
Transient Cerebral Ischemia	28	0.0	2.2	-----	3.6	5.2	-----	7.1	8.6	-----
Stroke	73	15.1	18.3	5.4	21.9	24.2	5.2	24.7	28.2	5.5
Hip Fracture	59	6.8	7.0	3.9	8.5	12.3	5.7	10.2	16.1	6.9
Sepsis	16	31.3	30.0	-----	31.3	38.1	-----	31.3	43.5	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	29	10.3	4.2	-----	13.8	7.7	-----	17.2	10.9	-----
Carotid Endarterectomy	27	0.0	1.8	-----	0.0	3.3	-----	0.0	4.6	-----
Hip Replacement/Reconstruction	37	2.7	3.1	-----	2.7	6.1	-----	8.1	8.7	-----
Open Reduction of Hip Fracture	37	8.1	6.5	-----	10.8	11.7	-----	10.8	15.4	-----
Prostatectomy	91	1.1	1.2	1.1	1.1	2.6	2.1	2.2	4.1	2.8
Cholecystectomy	47	0.0	2.2	-----	2.1	4.5	-----	6.4	6.5	-----
Hysterectomy	16	0.0	0.9	-----	0.0	1.9	-----	0.0	2.8	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

WILLIAMSPORT HOSPITAL
Medicare Provider Number: 390045

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.2 years
Proportion female	53.5 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	39.0 %
Transferred from skilled nursing facility	0.5 %
Admitted for elective procedure	26.3 %
Admitted for emergency	31.4 %

COMORBIDITIES:	
Cancer	8.3 %
Chronic cardiovascular disease	36.3 %
Chronic liver disease	0.5 %
Chronic renal disease	3.3 %
Chronic pulmonary disease	17.8 %
Cerebrovascular degeneration	5.0 %
Diabetes mellitus	7.4 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	73.5%
State	25.3%
Outside State	1.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	7.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	281
Occupancy Rate	63.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	38.1 %
Case Mix Index (CMI)	1.2513
STAFFING:	
Total Number of Physicians	171
Percent of Physicians Board Certified Specialists	83.6 %
Medical Residents/Interns	20
Registered Nurses	233
Licensed Practical Nurses	59

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	Yes
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	Yes
Other Intensive Care	Yes
Trauma Center	No
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	No
Rehabilitation	Yes
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

WILLS EYE HOSPITAL

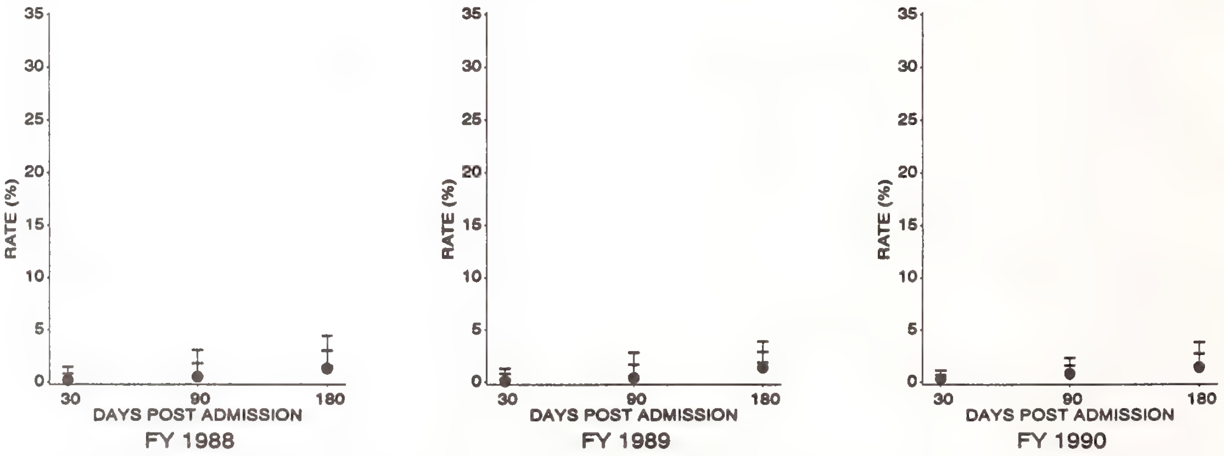
4TH & WALNUT ST
PHILADELPHIA, PA 19107
Medicare Provider Number: 390024

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	1925	0.3	0.7	0.2	0.8	1.6	0.4	1.4	2.7	0.6
CONDITIONS:										
Acute Myocardial Infarction	0									
Congestive Heart Failure	0									
Pneumonia/Influenza	0									
Chronic Obstructive Pulmonary Disease	0									
Transient Cerebral Ischemia	0									
Stroke	2	0.0	17.0	-----	0.0	22.7	-----	0.0	26.3	-----
Hip Fracture	0									
Sepsis	0									
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	0									
Carotid Endarterectomy	0									
Hip Replacement/Reconstruction	0									
Open Reduction of Hip Fracture	0									
Prostatectomy	0									
Cholecystectomy	0									
Hysterectomy	0									

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



WILLS EYE HOSPITAL
Medicare Provider Number: 390024

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.1 years
Proportion female	59.5 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	81.1 %
Transferred from skilled nursing facility	0.0 %
Admitted for elective procedure	62.9 %
Admitted for emergency	5.5 %

COMORBIDITIES:

Cancer	2.8 %
Chronic cardiovascular disease	17.1 %
Chronic liver disease	0.3 %
Chronic renal disease	1.1 %
Chronic pulmonary disease	8.2 %
Cerebrovascular degeneration	0.8 %
Diabetes mellitus	10.8 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	32.9%
State	29.9%
Outside State	37.2%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	2.5 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	120
Occupancy Rate	33.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	42.5 %
Case Mix Index (CMI)	0.7860

STAFFING:

Total Number of Physicians	150
Percent of Physicians Board Certified Specialists	94.7 %
Medical Residents/Interns	32
Registered Nurses	80
Licensed Practical Nurses	0

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	No
Medical/Surgical Intensive Care	No
Organ/Tissue Transplant	Yes
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

WINDBER HOSPITAL WHEELING CLINIC

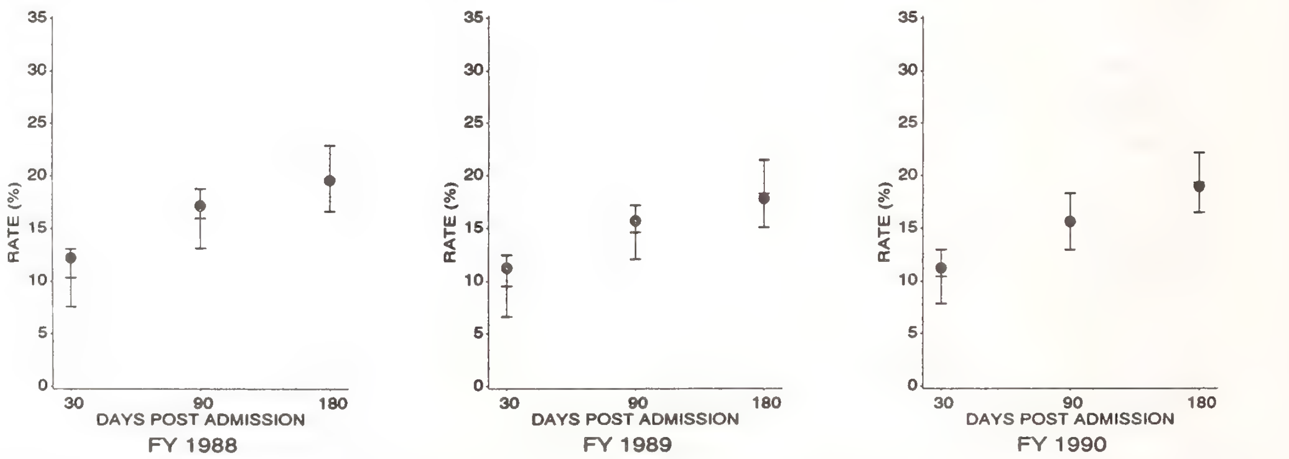
600 SOMERSET AVENUE
WINDBER, PA 15963
Medicare Provider Number: 390112

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	777	11.2	10.4	1.3	15.6	15.6	1.3	18.9	19.3	1.4
CONDITIONS:										
Acute Myocardial Infarction	30	40.0	32.0	-----	43.3	36.2	-----	50.0	39.2	-----
Congestive Heart Failure	59	10.2	12.7	5.0	20.3	20.6	5.3	27.1	26.6	5.9
Pneumonia/Influenza	33	18.2	16.1	-----	24.2	22.4	-----	27.3	26.8	-----
Chronic Obstructive Pulmonary Disease	13	7.7	8.9	-----	15.4	14.8	-----	23.1	18.7	-----
Transient Cerebral Ischemia	33	0.0	1.7	-----	0.0	4.2	-----	0.0	7.2	-----
Stroke	33	15.2	20.9	-----	21.2	27.9	-----	30.3	31.8	-----
Hip Fracture	12	0.0	6.6	-----	8.3	12.9	-----	8.3	16.9	-----
Sepsis	15	13.3	17.1	-----	13.3	22.9	-----	20.0	26.8	-----
PROCEDURES:										
Angioplasty	0									
Coronary Artery Bypass Graft	0									
Initial Pacemaker Insertion	8	12.5	2.6	-----	12.5	5.1	-----	12.5	7.3	-----
Carotid Endarterectomy	4	0.0	1.5	-----	0.0	2.6	-----	0.0	3.8	-----
Hip Replacement/Reconstruction	9	0.0	5.2	-----	11.1	10.7	-----	11.1	14.6	-----
Open Reduction of Hip Fracture	2	0.0	2.8	-----	0.0	5.5	-----	0.0	7.5	-----
Prostatectomy	13	0.0	1.4	-----	0.0	3.3	-----	0.0	5.4	-----
Cholecystectomy	22	0.0	2.0	-----	0.0	3.6	-----	0.0	4.6	-----
Hysterectomy	6	16.7	3.1	-----	16.7	6.0	-----	16.7	8.4	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

WINDBER HOSPITAL WHEELING CLINIC

Medicare Provider Number: 390112

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

Average age at admission	74.9 years
Proportion female	52.6 %

ADMISSION SOURCES/TYPES:

Referred by personal or HMO physician	36.6 %
Transferred from skilled nursing facility	0.4 %
Admitted for elective procedure	0.4 %
Admitted for emergency	82.2 %

COMORBIDITIES:

Cancer	9.3 %
Chronic cardiovascular disease	40.0 %
Chronic liver disease	2.1 %
Chronic renal disease	2.1 %
Chronic pulmonary disease	20.7 %
Cerebrovascular degeneration	6.6 %
Diabetes mellitus	8.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

County/City	64.6%
State	34.6%
Outside State	0.8%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:

Hospital	6.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

Total Beds	67
Occupancy Rate	47.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	56.5 %
Case Mix Index (CMI)	1.1723

STAFFING:

Total Number of Physicians	26
Percent of Physicians Board Certified Specialists	69.2 %
Medical Residents/Interns	0
Registered Nurses	62
Licensed Practical Nurses	30

** Except for CMI

SPECIALTY SERVICES:

Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	No
Hospice Care	Yes
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	No

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

Alcohol/Drug	No
Rehabilitation	No
Psychiatric	No
Medicare Swing Beds	No

*** Not used in calculating mortality rates**

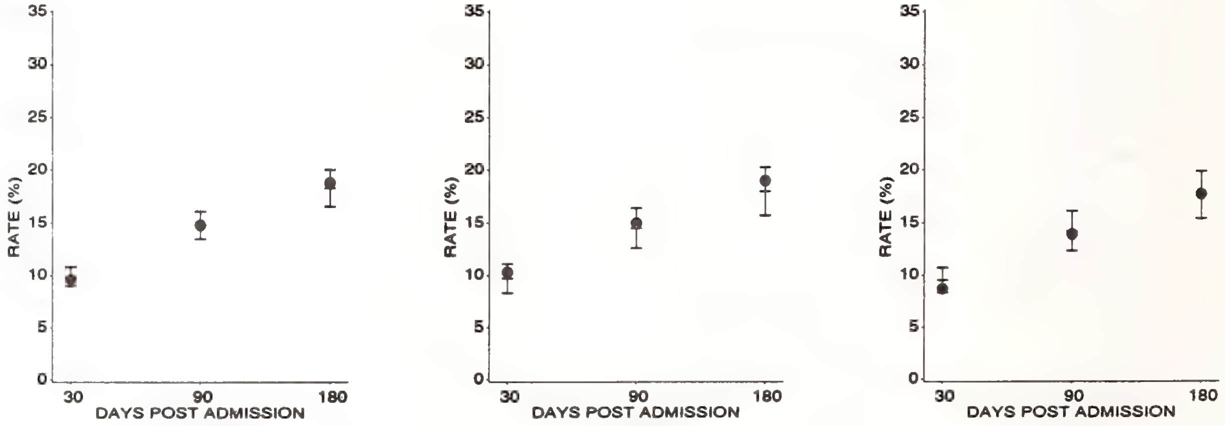
YORK HOSPITAL
1001 SOUTH GEORGE ST
YORK, PA 17405
Medicare Provider Number: 390046

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS OBS	30 DAYS PRED	30 DAYS SD*	90 DAYS OBS	90 DAYS PRED	90 DAYS SD*	180 DAYS OBS	180 DAYS PRED	180 DAYS SD*
ALL CAUSES	5206	8.7	9.5	0.6	13.9	14.2	1.0	17.7	17.6	1.1
CONDITIONS:										
Acute Myocardial Infarction	245	23.3	27.1	3.5	28.6	29.9	3.1	31.8	32.5	3.2
Congestive Heart Failure	321	14.6	14.6	3.1	24.6	22.9	2.9	30.2	29.0	2.7
Pneumonia/Influenza	143	17.5	16.8	3.8	25.9	23.2	4.0	28.0	27.3	3.8
Chronic Obstructive Pulmonary Disease	59	11.9	8.0	4.3	20.3	13.5	5.9	22.0	17.5	5.7
Transient Cerebral Ischemia	84	2.4	2.1	1.6	6.0	4.8	2.5	10.7	7.8	3.8
Stroke	234	17.9	20.3	3.3	27.4	26.7	2.9	31.6	30.3	3.2
Hip Fracture	155	7.1	6.6	2.9	12.9	11.7	3.3	16.1	15.3	3.1
Sepsis	60	16.7	26.1	7.4	18.3	33.2	8.6	25.0	37.3	8.2
PROCEDURES:										
Angioplasty	35	2.9	2.5	-----	2.9	3.1	-----	2.9	3.8	-----
Coronary Artery Bypass Graft	91	7.7	5.5	3.0	7.7	7.5	2.8	8.8	8.4	3.0
Initial Pacemaker Insertion	42	7.1	2.7	-----	7.1	4.8	-----	9.5	6.8	-----
Carotid Endarterectomy	30	3.3	1.6	-----	3.3	2.9	-----	3.3	4.0	-----
Hip Replacement/Reconstruction	126	4.0	3.1	1.8	5.6	6.0	2.4	6.3	8.1	3.3
Open Reduction of Hip Fracture	79	5.1	6.3	4.0	13.9	11.3	4.9	17.7	15.1	5.7
Prostatectomy	224	0.9	0.9	0.8	1.3	2.1	1.4	3.1	3.6	2.4
Cholecystectomy	104	1.0	3.7	2.2	2.9	6.1	2.8	6.7	7.9	3.1
Hysterectomy	61	0.0	0.9	-----	0.0	2.0	-----	1.6	3.2	-----

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

YORK HOSPITAL

Medicare Provider Number: 390046

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.4 years
Proportion female	53.6 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	34.9 %
Transferred from skilled nursing facility	0.2 %
Admitted for elective procedure	22.2 %
Admitted for emergency	66.5 %

COMORBIDITIES:	
Cancer	9.9 %
Chronic cardiovascular disease	41.3 %
Chronic liver disease	0.7 %
Chronic renal disease	3.8 %
Chronic pulmonary disease	12.0 %
Cerebrovascular degeneration	4.3 %
Diabetes mellitus	7.5 %

ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:	
County/City	91.4%
State	5.1%
Outside State	3.5%
Total	100.0%

MEDICARE AVERAGE LENGTH OF STAY:	
Hospital	9.4 Days
State	9.2 Days
National	8.6 Days

HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:	
Total Beds	512
Occupancy Rate	82.0 %
Ownership.Control	Private, Non-Profit
Medicare Discharges	33.2 %
Case Mix Index (CMI)	1.3778
STAFFING:	
Total Number of Physicians	316
Percent of Physicians Board Certified Specialists	84.5 %
Medical Residents/Interns	76
Registered Nurses	454
Licensed Practical Nurses	233

SPECIALTY SERVICES:	
Burn Unit	No
Cardiac Intensive Care	No
Comprehensive Geriatric	Yes
Hospice Care	No
Medical/Surgical Intensive Care	Yes
Organ/Tissue Transplant	No
Other Intensive Care	No
Trauma Center	Yes
OTHER SPECIALTY/HOSPITAL-BASED SERVICES:	
Alcohol/Drug	Yes
Rehabilitation	No
Psychiatric	Yes
Medicare Swing Beds	No

** Except for CMI

*** Not used in calculating mortality rates**

PENNSYLVANIA

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%) 30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	416,412	8.4	9.1	0.1	13.3	13.8	0.1	16.8	17.3	0.1
CONDITIONS:										
Acute Myocardial Infarction	13,158	24.1	25.7	0.5	28.5	28.9	0.8	31.2	31.6	0.7
Congestive Heart Failure	22,863	13.5	14.8	0.4	22.6	23.4	0.3	29.0	29.6	0.3
Pneumonia/Influenza	16,094	14.8	16.2	0.6	21.5	22.2	0.4	25.9	26.1	0.5
Chronic Obstructive Pulmonary Disease	7,373	7.4	8.7	0.4	14.1	15.1	0.8	18.5	19.8	0.6
Transient Cerebral Ischemia	7,991	1.9	1.8	0.2	3.9	4.1	0.3	6.0	6.6	0.6
Stroke	15,652	17.8	19.8	0.6	25.0	26.3	0.5	28.7	30.1	0.5
Hip Fracture	8,999	6.4	6.8	0.4	11.7	11.9	0.6	15.1	15.5	0.7
Sepsis	5,258	24.8	26.5	0.8	33.9	34.5	1.3	39.2	39.3	1.8
PROCEDURES:										
Angioplasty	3,071	2.5	3.0	0.4	3.5	4.0	0.4	4.8	5.0	0.4
Coronary Artery Bypass Graft	4,880	5.5	6.1	0.6	8.2	9.0	0.7	9.4	10.2	0.8
Initial Pacemaker Insertion	3,251	4.1	3.6	0.4	7.7	6.8	0.7	10.3	9.7	0.6
Carotid Endarterectomy	1,520	1.8	1.6	0.4	2.8	3.0	0.5	4.1	4.3	0.6
Hip Replacement/Reconstruction	6,732	3.1	3.2	0.2	6.3	5.9	0.4	8.2	8.0	0.4
Open Reduction of Hip Fracture	4,783	5.9	6.2	0.5	10.8	11.3	0.9	14.2	14.8	1.1
Prostatectomy	12,106	0.9	1.1	0.1	2.3	2.6	0.2	3.6	4.4	0.3
Cholecystectomy	7,348	2.8	3.0	0.4	5.1	5.4	0.4	6.7	7.1	0.5
Hysterectomy	3,022	0.6	0.8	0.4	1.7	1.7	0.9	2.5	2.6	1.2

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.4 years
Proportion female	56.2 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	37.8 %
Transferred from skilled nursing facility	1.5 %
Admitted for elective procedure	18.6 %
Admitted for emergency	51.1 %

COMORBIDITIES:	
Cancer	8.2 %
Chronic cardiovascular disease	39.6 %
Chronic liver disease	1.0 %
Chronic renal disease	3.5 %
Chronic pulmonary disease	15.5 %
Cerebrovascular degeneration	3.8 %
Diabetes mellitus	8.1 %

ALL STATES

FY 1990 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD*	OBS	PRED	SD*	OBS	PRED	SD*
ALL CAUSES	6,542,299	9.0	9.0	-----	13.9	13.7	-----	17.3	17.1	-----
CONDITIONS:										
Acute Myocardial Infarction	204,673	25.3	25.6	-----	29.5	28.7	-----	32.1	31.4	-----
Congestive Heart Failure	335,426	14.3	14.4	-----	22.9	22.8	-----	29.2	29.0	-----
Pneumonia/Influenza	313,303	15.3	15.5	-----	21.5	21.3	-----	25.5	25.1	-----
Chronic Obstructive Pulmonary Disease	107,387	8.0	8.0	-----	14.1	14.0	-----	18.7	18.5	-----
Transient Cerebral Ischemia	96,866	1.8	1.8	-----	4.0	4.0	-----	6.4	6.5	-----
Stroke	241,803	19.7	19.8	-----	26.5	26.3	-----	30.4	30.0	-----
Hip Fracture	163,386	6.7	6.5	-----	11.7	11.5	-----	15.1	15.0	-----
Sepsis	80,999	25.6	25.7	-----	34.6	33.8	-----	39.8	38.6	-----
PROCEDURES:										
Angioplasty	58,026	3.0	3.0	-----	4.0	4.0	-----	5.0	4.9	-----
Coronary Artery Bypass Graft	80,798	6.0	5.7	-----	8.3	8.1	-----	9.5	9.2	-----
Initial Pacemaker Insertion	49,642	3.2	3.3	-----	6.5	6.3	-----	9.1	9.1	-----
Carotid Endarterectomy	29,990	1.6	1.5	-----	2.8	2.8	-----	4.0	4.1	-----
Hip Replacement/Reconstruction	122,156	3.4	3.2	-----	6.2	5.9	-----	8.1	8.0	-----
Open Reduction of Hip Fracture	80,075	6.1	6.0	-----	11.2	11.0	-----	14.5	14.5	-----
Prostatectomy	211,087	0.9	1.0	-----	2.2	2.3	-----	3.7	3.8	-----
Cholecystectomy	124,259	2.9	2.7	-----	5.0	4.9	-----	6.5	6.5	-----
Hysterectomy	53,905	0.7	0.7	-----	1.4	1.5	-----	2.2	2.4	-----

* The Standard Deviation (SD) is not calculated.

FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:	
Average age at admission	74.1 years
Proportion female	55.9 %
ADMISSION SOURCES/TYPES:	
Referred by personal or HMO physician	46.1 %
Transferred from skilled nursing facility	1.1 %
Admitted for elective procedure	22.0 %
Admitted for emergency	46.5 %

COMORBIDITIES:	
Cancer	7.6 %
Chronic cardiovascular disease	36.6 %
Chronic liver disease	1.0 %
Chronic renal disease	3.4 %
Chronic pulmonary disease	15.0 %
Cerebrovascular degeneration	3.9 %
Diabetes mellitus	8.0 %

Hospital Comments

ALBERT
EINSTEIN
HEALTHCARE
FOUNDATION

York and Tabor Roads
Philadelphia, PA 19141

Robert B. Kimmel
Senior Vice President
215-456-6731

March 19, 1992

RE: Medicare Provider #390142

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

ATTENTION: Robert Moore

Dear Mr. Moore:

Thank you for the opportunity to respond to the 1990 Medicare hospital mortality data published by the Health Care Financing Administration (HCFA).

Albert Einstein Medical Center in Philadelphia is an inner-city, tertiary care, teaching hospital. It provides the full range of medical and surgical services, including trauma care, heart care and cancer treatment. Patients are transferred from community hospitals and nursing homes and referred by our medical staff. Based on extensive analysis by the MedisGroups system, our patient population presents a high level of severity of illness upon admission.

Detailed statistical analysis is required to fully understand the meaning of the HCFA mortality data. This is unfortunate, as it may lead to confusion and misinterpretation of the published information by the general public. In addition, we question the validity of attributing deaths which occur six months after discharge to the disease process which led to the hospital admission.

The appropriate statistical analysis was completed in all cases in which a standard deviation was given and the medical center's observed mortality rate was significantly different from the predicted rate. The resulting confidence level, which illustrates whether the hospital's actual rate deviates from the expected rate by a significant amount, led us to conclude that the difference in observed mortality rates and expected rates fell within an acceptable range and was due to random variation.

In order to confirm this, the medical center's Quality Management Department reviewed the appropriate inpatient records. We found that the severity of our case mix, the transfer of patients in need of emergent or urgent cardiac care from other institutions, and the condition of the patient upon admission contributed to the deaths. We found the following patient characteristics: the average age of a Medicare patient was 72.3 years of age; all were acutely ill on presentation; 41 percent had chronic cardiovascular disease. Further, 64 percent of all admissions to Albert Einstein Medical Center are admitted through our Emergency Unit.

In conclusion, we have found that the HCFA mortality data reflects the medical center's core population -- extremely ill geriatric and cardiac patients. Our review of these cases found that none of the deaths was preventable. We conclude that solid diagnosis and high quality care was afforded each patient.

Sincerely,

Robert B. Kimmel
Senior Vice President
Albert Einstein Healthcare Foundation

Medicare Provider # 390176

ALIQUIPPA
HOSPITAL

2500 Hospital Drive
Aliquippa, Pennsylvania 15001
412/857-1212

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

The observed rates of mortality for Aliquippa Hospital were within the 95 percent prediction interval in all categories in which a standard deviation could be calculated. Our facility has consistently been within the normal predicted mortality ranges for the fiscal years 1988, 1989, and 1990.

All patients admitted to Aliquippa Hospital are followed throughout their hospital stay by our Quality Assurance Department. Also, any deaths that occur are reviewed monthly by a committee of physicians and medical personnel.

Sincerely,

Julia Brush

Julia Brush, R.N.
Vice President, Support Services

JB/mjp

We are open 24 hours everyday of the year to protect your health.

AVH

ALLEGHENY
VALLEY
HOSPITAL

1301 Carlisle Street
Natrona Heights
Pennsylvania 15065
412·224·5100

ADMINISTRATION

March 18, 1992

MEDICARE ID 390032

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

ATTN: Robert Moore

Please include the following comment in the Medicare Hospital Mortality Information publication:

> Observed Mortality for Congestive Heart Failure for 180 days after discharge and for Stroke for 30 days after discharge slightly exceeded the predicted mortality. However, in both categories, the standard deviation was within the upper range at the 75% prediction level.
>
> Observed Mortality for Open Reduction of Hip Fracture also exceeded the predicted mortality. However, the data is not meaningful because of an insufficient number of cases. Fewer than 50 cases in any category does not permit an estimation of precision and interpretability.
>
> Allegheny Valley Hospital investigates every mortality occurring in the Hospital through its Quality Improvement Process and has never found corrective action to be necessary.

Sincerely,

John R England

John R. England
President and
Chief Executive Officer

JRE:sm

BRADFORD
HOSPITAL

Provider #390118

116-156 Interstate Parkway • P.O. Box 0218 • Bradford, Pennsylvania • 16701-0218 • (814) 368-4143

Review and Interpretive Comments

Medicare Provide #390118

The Bradford Hospital mortality rate tables for fiscal year 1990 did not demonstrate significant deviation from the HCFA predicted mortality rates.

In the "All Cases" category the Bradford Hospital rate was 8.7 versus the predicted rate of 8.8 at 30 days, 12.6 versus 13.2 at 90 days and 15.6 versus 16.4 at 180 days.

In five categories of the Diagnostic conditions, the Bradford Hospital's actual mortality rate was higher than the predicted range, however the number of cases of deaths in these categories was too small to permit a satisfactory estimation of the standard deviation. Therefore to provide any interpretation to the comparison would be meaningless at this time.

The "predicted" rates are nothing more than averages. Most of the differences amongst hospital's mortality rates that are "predicted" are the result of differences in the mix of patients across the seventeen diagnostic categories.

The information simply describes one of several possible outcomes at a hospital - post admission mortality for medicare beneficiaries at 30, 90, and 180 days The information is not necessarily representative of a hospital's total performance in all aspects of patient care.

Finally, the differences between actual and predicted mortality rates are not an indicator of quality of care differences. Rather, the differences are because of the kinds of patients treated and the differences of the treatment provided due to patient characteristics.

Other factors affecting the probability of death in a particular case (e.g. family status/support) and overall health status are essential elements that are not included in the predictive model because information on them is not readily available.

The Bradford Hospital supports ongoing quality assurance and utilization review activities to assure that high quality care is rendered to all beneficiaries. The reported information will allow the staff to review cases and make factual decisions to aid our physicians in the peer review process.

Medicare Provider #: 390058

Carlisle Hospital

246 Parker Street
P.O. Box 310
Carlisle, Pennsylvania 17013-0310

1-800-346-4789 • (717) 249-1212

March 16, 1992

Gail R. Wilensky, Ph.D., Administrator
Healthcare Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12 Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Attention: Robert Moore

Dear Ms. Wilensky:

Listed below is information relating to the Fiscal Year 1990 Medicare Hospital Mortality Rates for Carlisle Hospital.

For the readers of the Medicare Hospital Mortality Rates: When reviewing Carlisle Hospital's rates you may note that this hospital has not exceeded the acceptable range for any of the condition or procedure categories. Unfortunately, some readers may only review the columns labelled "Observed" and "Predicted" and not give attention to the standard deviation (SD) which defines the acceptable range of variability that a hospital may experience in keeping with the predicted rate by the national experiences with similar patients. In multiple instances there are too few cases in particular categories to allow for meaningful analysis. These categories do not have a value listed in the "SD" column. It should be noted that Carlisle Hospital has not exceeded the acceptable range in any of the categories during the fiscal years 1987, 1988, 1989 and 1990.

Carlisle Hospital has made the additional comments to explain the Medicare deaths:

- There were 1,668 Medicare patients treated during this time period. A total of 390 patients died. Of these, 128 occurred at Carlisle Hospital. The remaining 262 patients died after being discharged from Carlisle Hospital, either at home, in a nursing home, or other location. The cause of these deaths would not be known to Carlisle Hospital.

Since we now have established that only 128 Medicare deaths have occurred at Carlisle Hospital for the time period mentioned, it is important to note the following:

- Ninety seven or 76% of these deaths were classified as "Do Not Resuscitate" (DNR), in which case the patient elected not to receive life-sustaining treatment that may have resulted in the patient's surviving the hospitalization. Decisions to "Do Not Resuscitate" are made at the request of the patient or the patient's surrogate.

- Of the remaining thirty one patients who did not request "DNR", it is noted that nineteen of these patients were classified as having a terminal illness where the deaths were expected or were admitted at a severity level as defined by the MEDISGROUPS System as either having high potential for organ failure or actually having the presence of organ failure upon admission. Of the remaining twelve patients who did not either request "DNR" or have the potential for organ failure or presence of organ failure or terminal condition, these cases were reviewed and no quality of care issues were detected. Many of these patients had significant co-morbid conditions which, although not detected under the MEDISGROUPS system, contributed significantly to their deaths.

I hope the above information will be of assistance to those who review this statistical report.

Respectfully,

William E. Schirmer

William E. Schirmer
President/CEO

1800 East Park Avenue State College, PA 16803-6797 814 238-4351

Centre
Community
Hospital

Medicare Provider Number: 390268

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
Attn: Robert Moore

Dear Mr. Moore:

Centre Community Hospital appreciates the opportunity to participate in and provide comments on the Health Care Financing Administrations' annual release of Medicare hospital mortality information. We would, however, caution readers that this mortality information has significant limitations for public use (for example, the data will be 21 months old by the date of publication) and should not be used as the sole basis for evaluating hospital performance or making final health care decisions.

Mortality information is an important component of Centre Community Hospital's overall quality assurance activities intended to evaluate and improve the quality and appropriateness of services provided. Critical to this quality assurance process, however, is individual case review designed to evaluate and understand the differences between the observed and predicted mortality rates. Only after this additional peer review has been accomplished can valid conclusions be drawn concerning a hospital's performance or effectiveness. The published data does not, for example, consider individual patient "do not resuscitate" (DNR) status in computing the "predicted" mortality rates.

It is important for the reading public to recognize and understand the role of the "standard deviation" (SD) factor which relates to the degree of certainty and validity of the predicted mortality rate. In order to adequately interpret the published data, HCFA provides a table of "multiplicative factors" used to compute the statistical meaningfulness of the difference between the observed and predicted mortality rates. A second methodology to evaluate the reported data is to add two standard deviations to the predicted mortality rate to find the upper limit, and subtract two standard deviations to fix the lower boundary. Then, if the observed mortality rate is within this confidence range, you can be 95% certain that the differences between the observed and expected rates is the result of random variation, and therefore not likely to be meaningful.

Applying both the above interpretation techniques to Centre Community Hospital's data reveals that all 30-, 90- and 180-day mortality rates fall within the expected or predicted 95% confidence range. This means that for all published data, the differences noted between the observed and predicted mortality rates can be considered the result of random variation and not meaningful for comparative purposes.

Centre Community Hospital stands committed to the ongoing internal evaluation of our health care services and to the delivery of cost effective, quality health care. It is our opinion that the published mortality information is reflective of the high quality care we provide.

Sincerely,

Lance H. Rose

Lance H. Rose, F.A.C.H.E.
President and Chief Executive Officer

pp

Citizens
General Hospital
351 Fourth Avenue
New Kensington, Pennsylvania 15068-6591
(412) 337-3541

Provider No. 390018

Comments on Medicare Hospital Mortality Information (FY 1990)

Citizens General Hospital is a private, non-profit, acute care facility currently licensed for 232 beds. Acute care is defined as care requiring twenty-four-hour-a-day observation and treatment by a physician and/or nurse. Patients no longer requiring acute care are evaluated by their physician in cooperation with appropriate hospital professional staff for the need for continued care after discharge. Our Social Service Department and Home Care Coordinators make arrangements for those patients found to need continued care.

Interpretation of Data

For FY 1990, Citizens General Hospital's observed (OBS) or actual mortality rate was below HCFA's statistically developed predicted (PRED) mortality rate for all three time periods (30, 90 and 180 days after admission) in the All Causes Category and in over half of the condition and procedure specific categories in which Citizens had patients at 30, 90 and 180 days after admission. In performing widely accepted statistical analyses on these data for categories in which Citizens' actual mortality rate was above HCFA's predicted mortality rate, we found that the difference between Citizens' actual mortality rate and the predicted rate was not statistically significant in any category. In other words, the difference between Citizens' actual mortality rates and HCFA's predicted mortality rates was more than likely due to chance as opposed to any effect of the care and treatment provided at Citizens General Hospital.

The following should also be taken into consideration when interpreting these data:

1. The goal of Citizens General Hospital is to always provide quality care according to the patient's needs and based on widely accepted standards of practice (expected care for a patient with a given problem). Mortality rates alone do not provide a measure for the quality of care provided in hospitals. Each patient's hospital stay must be evaluated to determine if appropriate quality of care was provided. Such an evaluation of appropriate care takes into consideration:

    a. Age of the patient
    b. Severity of the patient's illness
    c. Diagnosis or diagnoses
    d. Whether or not the patient or family accepts all of the care offered.

    Quality of care is routinely evaluated and monitored in this manner by physician-supported committees at Citizens General Hospital. Review of the medical record of every patient who dies is an important part of this process.

2. HCFA assigned patients to condition and procedure categories based on the reason for which they were admitted to the hospital and/or the fact that they had a specific surgical procedure performed. That diagnosis or procedure, however, in many cases is not the cause of death. For instance, a patient who has had heart

disease for a long time could be admitted to the hospital for an emergency cholecystectomy (removal of the gallbladder), but suddenly die because of the heart disease. Similarly, the diagnosis or procedure for which a patient was admitted to the hospital may very well not be the cause of death of the patient after he/she is discharged from the hospital (33% of the deaths included in the FY 1990 data for Citizens occurred outside the hospital). A patient may be discharged after recovering from a heart attack and then later killed in an accident. The cause of death for those patients who died in the hospital could only be determined by individual chart review. The cause of death for those who died after discharge from the hospital could not be determined since this information is not in the patient's hospital medical records.

3. 52% of the deaths included in the FY 1990 data that occurred in Citizens General Hospital occurred in patients not categorized into one of the 17 categories. Admission diagnoses for these patients included various forms of cancer, acute respiratory failure, diabetes with complications, and cardiac arrhythmias (abnormal heartbeats).

4. This mortality report includes only Medicare patients. Medicare accounted for approximately 56% of the discharges from Citizens General Hospital in FY 1990.

Robert E. Marino

Robert E. Marino
Executive Director

COLUMBIA HOSPITAL
Founded 1895

March 13, 1992

Medicare Provider Number: 390200

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187
ATTN: Robert Moore

Columbia Hospital (Provider #390200) wishes to make the following comments to be included with the FY 1990 Medicare Hospital Mortality Rates published in the spring of 1992.

On the conditions and procedures included in the fiscal year 1990 Medicare Hospital Mortality Rates, Columbia Hospital identified an 18-3/4% error rate (specifically in the Congestive Heart Failure and Pneumonia Categories) in the information released by HCFA. Since all of the conditions and procedures did not have a numerical base adequate enough to develop a standard deviation, we are extremely concerned with this high margin of error. Moreover, due to the small numerical base, the data and information submitted in this report are not statistically reliable nor valid. Also, if the error rate, which we were able to track, reflects the error rate for the total report, then the "all causes" category has the potential to have a similar error rate of 18-3/4%. For the conditions and procedures that we were able to identify and review, we hereby submit the following corrections to the data as reported in the fiscal year 1990 Medicare Hospital Mortality Rate.

		30 DAYS			**90 DAYS**			**180 DAYS**		
CATEGORY OF CONCERN	**# OF CASES**	**# OF DEATHS**	**OBS**	**PRED**	**# OF DEATHS**	**OBS**	**PRED**	**# OF DEATHS**	**OBS**	**PRED**
CONGESTIVE HEART FAILURE:	19	3	15.8	13.0	1	21.0	21.1	2	31.5	27.1
TOTAL DEATHS = 6	ADMISSION STATUS = From Nursing Home (0) From Home (6)				DISCHARGE STATUS = To Nursing Home (4) To Acute Care (1) Expired (1)					
PNEUMONIA:	13	1	7.7	13.8	1	15.4	18.9	1	23.1	22.6
TOTAL DEATHS = 3	ADMISSION STATUS = From Nursing Home (1) From Home (2)				DISCHARGE STATUS = To Nursing Home (2) Expired (1)					

Using the corrected values in the categories shown in the aforementioned table, the observed rates correlate favorably with the predicted rates.

631 POPLAR STREET P.O. BOX 926 COLUMBIA, PA 17512 (717) 684-2841 • FAX: (717) 684-3786

Under the category of stroke, the nine mortalities were directly proportionate to age, co-morbidity complications and DNR (Do Not Resuscitate) status. The average age of stroke mortality cases was 80 years. All cases presented a clinical picture adversely affected by co-morbidity complications, many of which were related to the aging process. Five of the eight mortality cases (62-1/2%) had DNR orders. Another way of interpreting this fact would be to recognize that five mortalities were anticipated (i.e., a predicted plus anticipated mortality rate).

One mortality reported in the HCFA data was in error. If we adjust the category of concern for stroke to reflect this error and the mortality cases minus the patients with DNR status, the corrected data of the stroke category for the fiscal year 1990 Medicare Hospital Mortality Rate is as specified in the following table:

		30 DAYS			90 DAYS			180 DAYS		
CATEGORY OF CONCERN	**# OF CASES**	**# OF DEATHS**	**OBS**	**PRED**	**# OF DEATHS**	**OBS**	**PRED**	**# OF DEATHS**	**OBS**	**PRED**
STROKE:	14	2	14.2	18.3	0	14.2	23.9	1	21.4	27.7

TOTAL DEATHS = 3 **ADMISSION STATUS = From Home (3)** **DISCHARGE STATUS = To Acute Care (2)**
To Rehab. Hosp. (1)

Using the adjusted data for the stroke category, the observed rates correlate favorably with the predicted rates.

To accentuate our concern with the "law of numbers" theory, we submit for your consideration, that under the procedure hysterectomy, it is noted that Columbia Hospital had a 25% observed mortality rate, one mortality out of four cases. The mortality in question was a patient who had a diagnosis of metastatic terminal cancer. Moreover, under the condition of sepsis, which has a predicted mortality rate of over 30%, Columbia Hospital had an observed mortality rate of 0%. It would be absurd to draw a conclusion that all Medicare sepsis patients should be sent to Columbia Hospital. It would be equally absurd to draw a conclusion not to send Medicare hysterectomy cases to Columbia Hospital.

In conclusion, the overall mortality rate at Columbia Hospital for fiscal year 1990 was 2.76%. This rate decreased from the previous year's mortality rate of 3.23%.

Sincerely,

Robert F Katana

Robert F. Katana
President/CEO

RFK/pk

Community Hospital
of Lancaster
Comprehensive Osteopathic Healthcare

Medicare Provider Number 39-0068

March 15, 1992

Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTENTION: Robert Moore

Dear Mr. Moore:

We have carefully reviewed the data received from Gail R. Wilensky, Ph.D., Administrator, concerning the annual release of Medicare hospital mortality information for patients who were discharged between October 1, 1989 and September 30, 1990. We appreciate the efforts which have gone into refinement of the data. We would like to comment, as follows, with regard to our data in 1990:

1. We recognize that for each beneficiary in each year, one hospitalization was selected at random. This, however, has the effect of reducing actual Medicare discharges of 1,857 to the reported volume of 1,165.

2. Seventy-six percent (76%) of all Medicare deaths in the Hospital were patients who had elected NOT to be rescuscitated (DNR). This means that the hospital and physician had agreed to comply with the patient's request to initiate no resuscitation in the event of cardiopulmonary arrest. This certainly would have the effect of changing the expected mortality rate.

3. The average severity of all Medicare deaths was 2.63 which indicates a medium to high potential for organ failure and a moderate to low favorable response to treatment. The average severity for the DNR group was 2.60 while the average severity for the NON-DNR group was 2.73.

4. The average age of all Medicare deaths was 76.4. The average age for the DNR group was 78.13 while it was 71.13 for the NON-DNR group.

A Nonprofit Hospital
Community Hospital of Lancaster 1100 East Orange Street, P.O. Box 3002 Lancaster, Pennsylvania 17604 (717) 397-3711

5. The Medicare deaths in the Hospital had a history of 1.68 additional body disorders.

6. The observed mortality rate at Community Hospital of Lancaster within 30, 90 and 180 days of discharge falls within the range of predicted mortality rates in all cases where a sufficient number of cases are present to calculate a standard deviation. It is reasonable to conclude that there is no significant difference between the actual and observed mortality rates.

7. Fourteen of the reported Conditions and Procedures contained fewer than 60 cases, and therefore, were too small to permit satisfactory estimation of the standard deviation.

We support the inclusion of the Demographics, Comorbidities and Admission Service information in this year's report as it provides a more detailed look at the observed mortalities. However, we encourage HCFA to continue to look at refinement of the data, particularly for severity. The prediction of deaths 90 and 180 days post discharge does not necessarily account for the previous patient history that may have contributed to or caused the death, rather than the principal diagnosis that was the reason for admission. As an example, a patient who was admitted for a hip fracture may subsequently die as a result of the cancer which caused the pathological fracture. However, this death is reported as a hip fracture patient.

We appreciate this opportunity to comment and will continue to utilize this and other data in our quality assurance activities.

Sincerely,

Joanne M. Judge
President

JMJ/eg

DELAWARE VALLEY MEDICAL CENTER

...we take good care of you

200 Oxford Valley Road
Langhorne, Pa. 19047
(215) 949-5000

March 19, 1992

Medicare Provider # 390069

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Dr. Wilensky,

The Delaware Valley Medical Center recognizes that the Health Care Financing Administration has an obligation to provide health care to our citizens. The Medical Center however, continues to be concerned with the use of mortality data as a measure of the quality of care rendered to Medicare patients.

Byway of examples, we note that under specific conditions and procedures, in all cases but one, our sample was so small that a standard deviation could not be developed. We further note that in the Congestive Heart Failure category, 53% of our patients had executed a "Do Not Resuscitate" request. Additionally, our Congestive Heart Failure analysis indicated that 30% of the patients who expired within 90 days of discharge were terminal cancer patients. The analysis of the data in each category is consistent with the aforementioned analysis.

It is not appropriate, therefore, to draw quality of care conclusions based on the mortality data as published. The source document for the mortality data is the Medicare billing form. A billing form can not document the decisions that patients and their healthcare provider make. To imply that a bill is reflective of care can only serve to contribute to an inaccurate public perception. The mechanism used to measure quality of care must be far more sophisticated than the publication of mortality statistics reflective of an aging population if we are truly to be of services to our citizens.

Sincerely yours,

Carl Brown

Carl Brown
Executive Director

Doylestown
Hospital
595 WEST STATE STREET
DOYLESTOWN, PA 18901
215-345-2200

Medicare Provider #390203
March 16, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Mr. Moore:

Doylestown Hospital is in receipt of HCFA's annual publication of mortality information regarding Medicare patients treated at our institution during fiscal years 1988, 1989 and 1990. We note that all mortality outcomes reported for our hospital in 1990 fall within HCFA's established "expected" range, that there are no problematic trends during these years, and that our LOS is 8.8 days compared to the state of Pennsylvania LOS (9.2 days).

It is important for the community to understand that Doylestown Hospital has had in operation for many years a highly developed Quality Improvement program which is continually refined, and whose sole purpose is to guarantee that each and every patient treated at this institution receives the highest quality of care attainable given the current state of the medical arts. This program seeks to analyze and constantly improve all aspects of health care. More specifically, we methodically and continually examine patient care outcomes, surgical and medical procedures, clinical support services such as laboratory and radiology, critical care, cancer care, as well as a comprehensive array of administrative services all of which impact on patient care. We assess infection rates, blood and drug usage, morbidity, and mortality, in addition to many other aspects of care. We spare no effort in our attempt to constantly improve the quality of care we provide.

HCFA's report focuses on one facet of quality assessment: mortality rates. Doylestown Hospital critically examines and reviews every single mortality at our institution and has done so for a number of years. We examine each individual case to make certain that the standard of care was met, and we also examine trends in mortality over time in order to determine and monitor patterns of care. HCFA's provision of mortality data for Medicare patients at our institution as one possible indicator of quality of care complements our own activities. It is important for the community to understand that variations in hospital death rates do not necessarily correlate with quality of care. Quality improvement would be made immeasurably simpler if hospitals with higher death rates were in fact providing lower quality care, and vice versa.

It is with this inference in mind, that HCFA has annually released hospital mortality statistics. In fact, you state that "The annual release of Medicare hospital information is a key element in the efforts of HCFA to improve...the quality of care provided to Medicare beneficiaries...(and) in helping beneficiaries make more informed health care decisions". There are serious concerns with the validity of this assumption. The relationship between hospital death rates and quality of care is far from proven, despite the highly sophisticated analytical models utilized by HCFA. HCFA's basic equation upon which the entire mortality report rests, states that outcome (mortality rate) equals hospital care (quality of care) plus patient characteristics (severity of illness) plus chance (randomness). Some researchers believe that differences in hospital death rates are due to random variation and not variation in quality of care. In fact, a recent and widely respected study by the RAND Corporation ("Explaining Variations in Hospital Death Rates") discussed the fact that authorities "do not know a lot about how much of the variation results from differences in severity of illness, how much in differences in quality of care, and how much from purely random or selection efforts". After evaluating hospitals with higher than expected death rates, the authors concluded that "52% to 82% of the excess (mortality) could result from purely random variation", and that "differences in the quality of the process of care based on a medical record review could not explain the remaining statistically significant differences in mortality". Other researchers feel that the claims data used by HCFA to measure severity of illness are inadequate to stratify truly homogeneous groups of patients upon which to base valid comparisons of outcomes of care. Thus, while mortality rates can be used as a marker or flag which serve to point to potential areas for further investigation, they cannot be used to form conclusions about the quality of care either within a hospital or between different hospitals. The statistics presented are not a measure of quality and offer no explanation of the multiplicity of factors involved in assessing patient mortality. This is especially true of the long-term mortality data (30, 90 and 180 days), which is subject to the many confounding variables associates with death outside the hospital, such as the availability of health care services in the community after hospital discharge.

In summary, Doylestown Hospital recognizes the value of mortality data as one contributing component to our established, comprehensive, Quality Improvement program. We are suitably impressed with the sophistication of the statistics employed in this report, however we seriously question the validity of the use to which the data is being put.

Sincerely,

J.K. Lipes, M.D.

Jan K. Lipes, M.D.
Medical Director, Quality Improvement

JKL:br

EPHRATA
COMMUNITY
HOSPITAL

March 17, 1992

MC Provider #39-0225

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Attn: Robert Moore

Subj: FY1990 Medicare Mortality Report

Dear Mr. Moore:

Since 1988, the Hospital's observed mortality rate has consistently shown steady improvement, with 1990 data reflecting an observed rate within the predicted range for the category of all causes. However, in review of the mortalities overall, several points are offered for consideration.

A. Severity of illness is not factored into the report and if included could have a significant impact on further interpretation of the data.

B. Of the patients included in the report, 82.6% have co-morbid conditions such as cancer or diabetes which may have affected the outcome of their hospitalization.

C. Approximately 84% of the patients died post-discharge, of causes that have not been identified and could be unrelated to their hospitalization.

D. A large majority of the patients were placed on a "Do Not Resuscitate" status per patient/family request which means they did not desire the use of life support systems as they approached death.

E. Upon review of the individual conditions and procedures, it is of note that a standard deviation was not calculated for any category due to the small number of cases. The validity of the estimated predicted rate is therefore questionable.

169 Martin Avenue • P.O. Box 1002 • Ephrata, PA 17522-1002
(717) 733-0311

The standardized mortality ratio was calculated for each category at 30 days. Transient Cerebral Ischemia was determined to require further investigation. Upon review, it was determined that the patients who died had an average age of 89, were severely ill upon admission, and had multiple medical problems. Therefore, the death of these patients was not totally unexpected.

Although the report format and scope of information has improved over the past few years, the public and the hospitals could benefit from a report which includes severity measures along with outcome data which is specific and applicable to more realistic time frames.

Sincerely,

John M. Porter, Jr.
President

/rlf

MONTEFIORE
UNIVERSITY HOSPITAL

University of Pittsburgh
Medical Center

MEDICARE PROVIDER NUMBER: 390229 AND 390143 ✓

March 18, 1992

J. Michael Hudson, Acting Administrator
Health Care Financing Administration
Medical Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Dear Mr. Hudson:

The following are the brief comments of Montefiore Hospital ("Montefiore") and Eye & Ear Hospital (Eye & Ear) of Pittsburgh, Pennsylvania, concerning the mortality rates prepared by HCFA for Medicare patients in Fiscal Year 1990. Eye and Ear merged with Montefiore in 1990, and the two are now one nonprofit, tertiary, acute care facility, Montefiore University Hospital, with 600 licensed beds. As part of the University of Pittsburgh Medical Center, an academic medical center, the hospital serves as a national and regional referral center and the region's leading medical education and research center.

CASE REVIEW AND QUALITY OF CARE

Montefiore and Eye & Ear, while reassured by their own low mortality rates, continues to believe that these numbers do not represent the sole or most important measure of the quality of care provided by its medical and hospital staff. Mortality rates cannot and should not be used to judge the quality of care provided by a hospital. Because of the sophisticated services that are provided in the academic medical center and the corresponding referral of gravely ill patients, studying mortality by looking only at numbers is misleading. Reviewing mortality statistics is but one small portion of the hospitals' ongoing effort of measuring and enhancing the quality of care provided. Medical staff departments of Montefiore and Eye & Ear

3459 Fifth Avenue
Pittsburgh, PA 15213-3241
412-648-6000

conduct an ongoing, systematic monitoring and evaluation program, through which medical records for all patient deaths are reviewed, and clinical findings are discussed and analyzed.

METHODOLOGY

We applaud HCFA's continual efforts in refining its methodology to incorporate the concerns and comments hospitals expressed about the previous years' mortality reports. HCFA has moved closer to providing hospitals with data that are more sensitive to the multiple factors involved in assessing the "risk" of death and use of prediction intervals. Even using the updated methodology, however, the predicted mortality figures and standard deviation ranges continue to be very broad. These broad ranges illustrate the fact that hospitals cannot rely upon mortality-rate calculations as a single quality assessment tool, because such figures are unlikely to accurately identify potential problems.

CONCLUSION

Montefiore University Hospital and the University of Pittsburgh Medical Center welcome efforts to make the HCFA mortality data more meaningful and look forward to further methodology refinement and education of the public. However, the current data are not appropriate for use by the public in judging the quality of care rendered by hospitals. Rather, the data must be used by professionals in concert with other criteria to be a meaningful component of quality assessment.

Sincerely,

Pat Shehorn

Patricia Shehorn
Vice President, Clinical Administration
University of Pittsburgh Medical Center

FORBES HEALTH SYSTEM
Medical Services Office • 2570 Haymaker Road • Monroeville, Pennsylvania 15146 • 412/858-2435

March 17, 1992

Medicare Provider Number 390184
Medicare Provider Number 390172✓
Medicare Provider Number 390267

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Ms. Wilensky,

The following is the response on the HCFA mortality data for FY 1990 for the Forbes Health System. The System includes Forbes Regional Health Center, Forbes Metropolitan Health Center and Highlands Hospital and Health Center.

We still have the same reservations regarding the MODEL, which we have expressed in previous years. However, it does not seem productive to keep repeating them.

There is one correction that needs to be made in Forbes Regional Health Center's characteristics, namely;

1. The hospital has no Alcohol/Drug program.
2. It does have a "Psychiatric" service.

We endorse the addition of the three new comorbidities. The more closely this data identifies the "severity of illness" on admission, the more valuable will be the conclusions.

If you have any questions, please feel free to contact me at 412/858-2434.

Very truly yours,

Richard N. McGarvey

Richard N. McGarvey, M.D.
Senior Vice President
Medical Services/Medical Director

RNM/kls

FORBES HEALTH SYSTEM
Medical Services Office • 2570 Haymaker Road • Monroeville, Pennsylvania 15146 • 412/858-2435

March 17, 1992

Medicare Provider Number	390184
Medicare Provider Number	390172
Medicare Provider Number	390267 ✓

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Ms. Wilensky,

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2. It does have a "Psychiatric" service.

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If you have any questions, please feel free to contact me at 412/858-2434.

Very truly yours,

Richard N. McGarvey

Richard N. McGarvey, M.D.
Senior Vice President
Medical Services/Medical Director

RNM/kls

FRANKFORD
HOSPITAL
Philadelphia, PA 19114

Dedicated to your well-being

John B. Neff, F.A.C.H.E., Presiden

Provider No.: 390115

March 18, 1992

HCFA MORTALITY RATES

The medical and administrative staffs of Frankford Hospital have reviewed and analyzed the most recent (Fiscal Year 1990) HCFA mortality data release for our institution. We continue to support HCFA's efforts to refine its methodology and to educate the public in the use of this information. We agree that a public educated about the cost and quality of health care can begin to make an informed decision when choosing a health care provider. However, it is very important that the public understands the uses and the limitations of the mortality data as a single, isolated indicator of quality, and we recommend that efforts be made to orient the public to the data and its limitations.

One ongoing issue has been HCFA's source of this mortality information, namely, hospital billing data, which is better suited for processing of health insurance claims than for assessing the quality of care provided. HCFA does not currently have access to the detailed clinical information which describes a patient's health status at admission, the patient's activity level, the stage of disease, and the prognosis. Billing information is administrative rather than clinical in orientation, and is limited in its usefulness for assessing quality of care.

There is no opportunity provided in HCFA's reporting process for a hospital to verify the data and to make necessary corrections prior to publication. We attempted to do this very thing upon reviewing the data and noticing the erroneous reporting of four deaths. The response from HCFA was that the error could not be corrected. This is a problem in categories where the number of Medicare patients is very small and one error has the potential to affect the hospital's rating for the category. For example, in category "open reduction of hip fracture," there were three deaths within 30 days reported for Frankford Hospital. Our validation demonstrated that one of the expired patients was never admitted or treated at Frankford Hospital. HCFA was not able to make the necessary adjustment to our data since this would have involved altering data for another institution where the death actually occurred. Three additional cases were also incorrectly reported as Frankford Hospital deaths in the "All Causes" category. None of these errors will be corrected prior to publication.

To simplify the presentation of the mortality data, HCFA continues to make changes in format. One issue previously noted was the omission of a range of values to show expected mortality rates calculated on the probability or risk of patient death according to such factors as age, sex, type of admission (emergency or elective), presence of other diseases such as chronic illnesses existing at the time of admission, source of admission (from home or other type of healthcare facility), and prior hospitalizations. Unfortunately, the current format which provides a number rather than a range may mislead and confuse the reader, having the opposite effect of that intended by HCFA. For example, if the observed death rate for a certain diagnosis or surgical procedure is slightly higher than the HCFA-predicted rate, the healthcare consumer may feel that this is an indication of poor quality of care. This misinterpretation may cause the consumer to make ill-advised choices or form ill-founded opinions, when, in fact, the noted difference between the observed and the predicted rates may have no statistical significance. HCFA has most recently added a graphic illustration of the distribution range for observed mortality rates at 30, 90, 180 days. This illustration still does not clearly address or satisfactorily clarify the statistical significance of the published, observed death rate versus the predicted rate.

Frankford Campus • Frankford Avenue & Wakeling Street • 215•831•2000
Torresdale Campus • Knights & Red Lion Roads • 215•934•4000

Length of stay data for Medicare patients is also a new feature of the HCFA publication. In the absence of severity adjustment, length of stay has been found lacking as an indicator of quality or as a resource for comparison purposes. Furthermore, within the context of a mortality report, length of stay becomes a less significant consideration.

Another continued concern regarding the HCFA mortality data is the categorization of patients into eight medical conditions based on principal diagnosis. Our own data over the past several years have repeatedly demonstrated that a patient's principal diagnosis (that which caused the admission) was frequently unrelated to the actual cause of death.

HCFA further categorized the data into nine surgical procedures with mortality rates at 30, 90, and 180 days after admission. The number of cases reviewed in the study is very small in most of the invasive or high-risk surgical categories. Therefore, it is impossible to draw valid conclusions about any demonstrated differences between the observed mortality rates and the HCFA-predicted mortality rates. These surgical mortality rates, which are lacking in statistical significance, may be misinterpreted, affecting a patient's choice of provider. Again, lack of knowledge about and misinterpretation of the data could lead a patient to make ill-advised choices among providers, with the potential to disrupt established links to family and community support which are crucial contributors to the overall quality of care.

Frankford Hospital has a comprehensive, hospital-wide quality assessment program which routinely monitors many important indicators of patient care, including mortality. Because we generally do not acquire information regarding patient deaths following discharge from our hospital, our internal mortality review does not include post-discharge deaths. However, HCFA data includes all deaths within 180 days of admission (6 months post admission), even if the patient had already gone home, to a nursing home, or even to another hospital after discharge. This inclusion of patients who die weeks and months after discharge does not take into account the larger medical and social picture. A patient's personal situation, including living arrangements, family support, economic condition, and compliance with prescribed medications, diets, and therapies, can impact upon his/her health and ability to survive. While we do work with our patients in offering and establishing post-discharge accommodations and supports, we have little control over the patient's personal life, post-discharge. As such, while these and other factors related to a patient's preadmission and post-discharge circumstances obviously affect the mortality statistics, they are beyond the hospital's direct control.

Finally, the HCFA data do not reflect that some patients with chronic or severe conditions instructed the hospital and their physicians to take no extraordinary treatment measures. Exercising the right to die with dignity is not considered in these statistics. However, in our review, this decision affected the Frankford Hospital mortality rates.

We must re-state our interest regarding the public's need to understand the mortality data and our concerns that the public's review of the raw data without understanding and knowledge may lead to unsupported conclusions about providers and ill-advised choices among them. Mortality rates can do no more than identify potential areas for further review. Since we anticipate that HCFA will continue to publish annually the mortality rates, we recommend an increase and enhancement in the clinical details of the study, with special focus on the concerns raised above. In its ongoing efforts to assure quality of medical care, Frankford Hospital will continue to perform its own thorough monitoring of care and services on a comprehensive basis.

John B. Neff
President

FRANKLIN CAMPUS
ONE SPRUCE STREET
FRANKLIN, PA 16323
814.437.7000

NORTHWEST
MEDICAL CENTER

OIL CITY CAMPUS
174 EAST BISSELL AVENUE
P.O. BOX 1068
OIL CITY, PA 16301
814.677.1711

Provider No: 390091

March 18, 1992

Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
6325 Security Boulevard
Baltimore, Maryland

Dear Health Care Financing Administration:

After careful analysis of the FY 1990 HCFA Mortality Study, we have found that under the section "Admission Sources/Types:" Admitted for emergency is incorrect. After review of our data, we have found the percentage to be closer to 59% as opposed to your report of 5.6%.

Sincerely,

Michael Reichfield
President and Chief Operating Officer

Frick Community Health Center

SOUTH CHURCH STREET / MOUNT PLEASANT, PA 15666-1790 / PHONE 412-547-1500

March 18, 1992

Hospital ID No.: 390217

MEDICARE HOSPITAL INFORMATION - 1992

HOSPITAL COMMENTS

It is common practice at Frick Community Health Center to review all mortalities on a concurrent basis by the involved Medical Staff Departments. Results from this review are shared with the entire Department, as well as other ancillary departments as indicated, to continually strive to improve the quality of care provided to patients at Frick.

In order to further address the concerns of cases where the observed mortality was greater than the predicted mortality, Frick Community Health Center re-evaluated these cases; and again, found care to reflect sound medical judgment. The reviewers did note the following issues should be considered whenever analyzing the data:

- One should focus on 30 days mortality rate when hospital care is most influential (less chance of other cause of death); and
- Precision and interpretability of estimates are questionable when the standard deviation could not be calculated; and conditions/procedures with a decreased volume will distort values of the number.

In order to continue to provide quality of care and in an effort to improve the quality of care at Frick, we will initiate a focus review of patients admitted with the condition of hip fracture and having the following procedures performed:

- Hip replacement/reconstruction
- Open reduction of hip fracture; and
- Prostatectomy

Rodney L. Gunderson
Executive Director

RLG/JS/eam

Geisinger

Wyoming Valley Medical Center

March 19, 1992 Medicare #: 390270

Dr. Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN.: Robert Moore

Dear Dr. Wilensky:
We have reviewed the HCFA mortality data for the Geisinger Wyoming Valley Medical Center and view it as another important component in our overall quality improvement program. Still, there remain a number of significant factors which question the validity of the data in the most recent report:

- The data includes patients who have died within 30, 90 and 180 days of a hospital admission, but the patient's cause of death may not be related to the hospitalization.
- Uncontrollable factors post-discharge, including the patient's compliance or timeliness of seeking medical care, are not taken into consideration.
- Environmental factors--such as a shortage of nursing home beds in our area--create a situation where patients are admitted to the hospital in a terminal state.
- Small numbers of cases in specific categories create percentages which are misleading.

As we have stated previously, in-depth, case by case studies are necessary in order to obtain a more accurate representation of hospital performance. We thank you, however, for the opportunity to include your report in our quality improvement program and to comment on its content.

Sincerely,
Conrad W Schintz
Conrad W. Schintz
Senior Vice President

1000 East Mountain Drive
Wilkes-Barre, PA 18711
(717) 826-7300

GSH

THE GOOD SAMARITAN HOSPITAL

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

RE: Medicare Provider
# 390066

Dear Dr. Wilensky:

The Good Samaritan Hospital, Lebanon, Pennsylvania, received and verified the accuracy of the 1990 Medicare Mortality Data for deaths occurring in the Hospital. We were not able to verify those deaths occurring post-discharge. During fiscal year 1990, according to Hospital data, 2,998 Medicare patients were discharged from our Hospital; 199 of those patients died in the Hospital. Based on HCFA data, 401 deaths occurred with only 204 (51%) occurring in the Hospital.

The Hospital characteristics taken from the American Hospital Association Annual Survey of Hospitals - 1990, are correct.

The average age of the in-house deaths was 77 years, with a range of 49 to 100 years. The average weighted admission severity based on MedisGroups data of the in-hospital deaths was 2.82. Comparing the in-hospital deaths across all five MedisGroups admission severity groups by our four major departments of the medical staff showed no variation from the MedisGroups comparative data base.

The statistical reliability of choosing a random hospitalization to assign the conditions/procedures to is in question. In 36 deaths, or 40% of the patients with an additional hospitalization, a different condition would be assigned if random selection were not used.

The Hospital's observed mortality rate for 30 days, 90 days, and 180 days was within two standard deviations of the mean. Thus, statistically the mortalities were due to random variation and not meaningful.

We appreciate the opportunity to validate and comment on the Medicare Mortality Data. Mortality data is not a meaningful guide to judge hospital performance and has limited usefulness for the average consumer of healthcare. This is particularly true when considering those deaths occurring outside the hospital when 90 to 180 days have lapsed since hospitalization.

Sincerely,

Robert P. Hoffman
President and
Chief Executive Officer

js
c: Robert J. Longo
Joyce Dissinger

Good Samaritan
REGIONAL MEDICAL CENTER

Sister Margaret Tuley, D.C.
Chairperson, Board of Directors

700 East Norwegian Street
Pottsville, PA 17901-2798
Phone 717-621-4000

March 18, 1992

Ms. Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Attention: Robert Moore

Medicare Provider Number: 390031

Dear Ms. Wilensky:

The Good Samaritan Regional Medical Center is enthusiastic with the changes HCFA has made in the predicted mortality model utilized in this year's publication. Located in a coal mining region of Pennsylvania, we were glad to see the co-morbid condition of chronic pulmonary disease added as a factor to the model for predicting mortality percentages.

Through the use of the statistical model provided, each category was reviewed and its statistical significance calculated. The Medical Center reviewed all charts which fell in the categories in which the predicted mortality was lower than the observed. Each mortality within these categories was reviewed by the hospital's Medical Director to evaluate the care given to the patient.

Carotid Endarterectomy

Only one patient expired in this category. The observed versus predicted mortality percentage seems high due to the fact that there were only six patients in this category. The expired patient was 75 years old with bilateral carotid stenosis with 95% and 90% occlusion. Patient developed a myocardial infarction and stroke following surgery on the second occlusion.

Hip Fractures

Seven mortalities were noted in this category. Five of the patients were so medically compromised that surgery to correct the fracture was not possible. These patients had end stage system failures such as chronic renal failure, congestive heart failure and chronic pulmonary disease.

Prostatectomy

One patient expired during the hospital stay due to a cardiac arrhythmia. The other six patients expired outside of the hospital, unrelated to the hospital care provided. These patients succumbed to their bout with cancer.

In summary, Good Samaritan Regional Medical Center supports the concept of providing mortality statistics as a tool for hospitals to learn the outcome of patients following the discharge from the hospital. After factoring in the standard deviation to the predicted mortality rate, Good Samaritan is within the predicted range of the mortality statistics. The Medical Center firmly believes that predicting mortality rates of patients who expire 90 and 180 days after admission to a hospital does not reflect the care given to the patient while in the hospital. This has been substantiated by the medical chart review described herein. The patient's total medical condition needs to be understood before concluding that the patient's demise represents the quality of care provided by the hospital staff.

Sincerely,

Sr. Margaret Tuley

Sister Margaret Tuley, D.D.
President/CEO

SMT/ckp

GVH

GRAND VIEW HOSPITAL

MEDICARE PROVIDER #: 390057

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MA 21207-5187

Dear Ms Wilensky,

Grand View Hospital is pleased that the 1990 Medicare hospital mortality rates for our institution are well within the acceptable ranges as determined by HCFA. We strongly support the utilization of health care data to improve care and reduce costs. This institution continues to develop and refine an extensive quality management program in all areas and departments of the hospital.

Although strong proponents of health care outcome analyses, we are concerned with the methodology employed in determining the mortality rates since such data has tremendous potential for being misleading and potentially harmful to patients, as well as to institutions. Outcome data should never be oversimplified nor published without the benefit of detailed peer review, a component currently not included in the HCFA data. Grand View Hospital's quality management program hinges on a detailed peer review process with clinicians reviewing in a timely fashion all cases that vary from the norm, so that any opportunities for changes in care approaches might be undertaken.

A further concern is that the HCFA Mortality Data contains no provision for the death of a Medicare patient which may be totally unrelated to the hospital admission or procedure. This scenario becomes much more likely since the data is now projected out to six months post discharge.

In summary, Grand View Hospital continues to support the collection and utilization of health care data; however, such undertakings should be done on a much more detailed basis than the current methodology employed by HCFA coupled, hand in hand, with an extensive peer review process.

Sincerely,

Stuart Fine
CEO

dks

GREENE COUNTY MEMORIAL HOSPITAL
BONAR AVE. & 7TH STREET
WAYNESBURG, PENNSYLVANIA 15370
412-627-3101

390150

Comments: Medicare Hospital Mortality Rates FY 1990

Comment: In regards to condition title "Hip Fracture" and procedure titles "Hip Replacement/Reconstruction" and "Open Reduction of Hip, Fracture," it should be noted that our low total number of cases decreases the reliability and significance of the statistical data creating greater uncertainty in the estimate of predicted mortality. In addition, many of our hip fracture/repair patients are admitted from local nursing homes because the medical directors of those homes are on staff at our hospital. These patients tend to be older and in poorer health than noninstitutionalized Medicare patients and are more apt to be admitted on a DNR (Do Not Resuscitate) directive. Data from the National Center for Health Statistics states that mortality rates for nursing home residents transferred to another facility is 20% versus 6.5% mortality rates for non-nursing home Medicare patients.

Comment: In regard to procedure title "Initial Pacemaker Insertion", it again should be noted that our low total number of cases decreases the reliability and significance of the statistical data. Many of the pacemaker insertions performed at our hospital are on an emergency basis to stabilize the patient until they can be transferred to a tertiary care center for more in-depth cardiac assessment and treatment.

Respectfully submitted,

Raoul M. Walsh / ljp

Raoul M. Walsh
Chief Executive Officer

RMW:ljp

Greenville
Regional Hospital®

110 North Main Street
Greenville, Pennsylvania 16125-1795
(412) 588-2100

J. William Eddy
President

Medicare Provider Number
390178

Greenville Regional Hospital is pleased to offer the following comments on its Fiscal Year 1990 HCFA mortality data:

Greenville Regional Hospital's data was below the predicted mortality rate for all conditions and procedures except Congestive Heart Failure, Transient Cerebral Ischemia and Hip Replacement/Reconstruction. Further review of those three categories revealed that the majority of deaths occurred after discharge from the hospital and that the observed mortality rates were all within statistically predicted ranges.

Since the data represents a new method of identifying randomly selected Medicare admissions for this time period, there is no way for the Hospital to further validate the data.

Greenville Regional Hospital conducts ongoing review of all deaths as part of its quality review program. Through that program, it is committed to continued improvement of the delivery of care to its patients.

J. William Eddy

J. William Eddy, President/CEO

HU

Hahnemann University
Hospital

March 17, 1992

Hospital Administration

215 448 7700

Broad & Vine
Philadelphia, PA
19102-1192

Mail Stop 300

Gail R. Wilensky, Ph.D.
Administrator
Health Care Financing Administration
Department of Health & Human Services

Provider #390051

Dear Dr. Wilensky:

Hahnemann University Hospital is a 616-bed acute care facility located in Center City Philadelphia. We provide specialized tertiary care services to a wide referral area and are a major referral center for many specialties including cardiology, oncology, nephrology, transplantation and trauma. Many of our patients have significant medical and surgical illnesses as evidenced by our Medicare case mix index for 1990 (1.9918), which was the highest in the State of Pennsylvania and among the highest in the nation during FY 90. We treat patients transferred from other hospitals for specialized care and tend to accept high-risk patients who have been turned away elsewhere.

As a university hospital accredited by the Joint Commission on Accreditation of Healthcare Organizations, Hahnemann, along with its governing body, management and medical staff, has the utmost concern for the quality of care provided to our patients. We have in place an ongoing quality assessment program that monitors and evaluates patient care. Mortality review is an important aspect of this program and one of the many methodologies utilized in peer review activities. These activities are geared toward the identification of opportunities to improve care.

Mortality rates alone are not a direct measure of quality care. A mortality rate higher than predicted does not confirm the existence of quality problems, just as a mortality rate lower than predicted does not mean that a hospital provides high quality care. We continue to commend HCFA for including age and major co-morbidities in the mortality model. However, the model still does not take into account several proven predictors of mortality such as socioeconomic status or disease-specific risk factors (these tend to be greater for patients referred to a tertiary care hospital).

In categories where there was a significant number of cases for meaningful interpretation, Hahnemann University Hospital's observed mortality was within the bounds for the 95 percent prediction interval. Through our ongoing monitoring activities, acquisition of state-of-the-art equipment and continual upgrading and expansion of our facility, we strive everyday to provide the best care possible to each of our patients.

Finally, please note that our staff consists of 625 physicians, 92% being Board Certified, 346 residents and 645 RN's. This information was not available in the AHA 1990 survey.

We thank HCFA for the opportunity to comment on the Medicare mortality data.

Sincerely,

Scott K. Phillips,
Senior Vice President,
Chief Operating Officer, HU, and
Executive Director, Hospital

SKP:ss

HARRISBURG HOSPITAL
A CAPITAL HEALTH SYSTEM HOSPITAL
SOUTH FRONT STREET
HARRISBURG, PENNSYLVANIA 17101-2099

Medicare Provider #390098

1990 HCFA MEDICARE MORTALITY
(October 1989 to September 1990)

Harrisburg Hospital has analyzed all condition and procedure categories where the observed mortality rate was higher than HCFA's predicted rate. Our comments follow:

(Condition and procedure categories where the number of cases/deaths was too small for a standard deviation to be calculated or shown were not analyzed for these comments.)

* Transient cerebral ischemia - HCFA reported 57 patients with four deaths within 180 days of admission. The average age of the four was 84, of which three were over 80. Hospital records indicate that three patients died as inpatients, one patient had a history of cancer and as a result of this comorbidity expired eight months after the transient cerebral ischemia hospitalization of intestinal obstruction.

* Cholecystectomy - HCFA reported 61 patients with six deaths within 180 days of admission. The average age of the six was 76, of which one was over 90. Hospital records indicate that three patients died as inpatients, two of which had comorbidites of cancer and had do not resuscitate orders in place.

* Hip replacement/reconstruction - HCFA reported 64 patients with nine deaths within 180 days of admission. Harrisburg Hospital records confirm eight deaths. The discrepancy was a patient discharged alive after a transurethral prostatectomy in December 1989. The average age of the eight was 85, of which seven were over 80 and one patient was over 90. Most of the reported deaths involved patients admitted from nursing homes after falls, acute myocardial infarctions, etc. Do not resuscitate orders were in place during hospitalization on five of these patients.

* Coronary artery bypass graft - HCFA reported 138 patients with 21 deaths within 180 days of admission. Harrisburg Hospital analyzed patients who died during hospitalization and up to one month post-surgery. This included 16 mortalities. The average age of the 16 was 73, of which three were over 80. All 16 patients had a prior cardiac history. Do not resuscitate orders were in place on five of these patients, five patients had had a previous bypass performed, three patients were transferred from other acute care hospitals to have surgery, seven patients had diabetic history and two were patients with chronic renal disease. Nine patients elected to have bypass surgery in spite of possible outcome relative to high risk.

Harrisburg Hospital performs on-going comprehensive physician review on all inpatient deaths to assess the quality of patient care rendered. We welcome the opportunity to explain our mortality rate to individuals or groups.

3/19/92

Eric E. Weis, CPA, FHFMA
Senior Vice President and
Chief Operating Officer

HAZLETON GENERAL HOSPITAL

700 EAST BROAD STREET, HAZLETON, PA 18201 • 717 454-4357

Medicare Provider # 390185

March 10, 1992

Gail R. Wilensky, Ph.D, Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Dear Dr. Wilensky,

Hazleton General Hospital is pleased to comment on the upcoming HCFA Medicare Mortality Data Publication for fiscal year 1990. The data array allows us as a hospital to serially evaluate the care rendered to our patients, at least as reflected in mortality statistics for patients with the selected conditions included in the HCFA study.

We are encouraged by the data submitted to us. It indicates that all areas of previous concern in our 1988 and 1989 mortality statistics have been satisfactorily addressed. While the business of making statistical predictions of mortality is, in itself fraught with hazard, the data available to us allow us to be optimistic. When considered within the framework of ever-increasing financial constraints imposed by cost containment measures, the data is encouraging indeed.

This data will give us further impetus to pursue our program for continuous improvement in patient care.

Sincerely yours,

E. Richard Moore,
CEO and President,
Hazleton General Hospital

Medicare Provide
Number 390256

PENNSTATE

College of Medicine • University Hospital
The Milton S. Hershey Medical Center

Allan C. Anderson
Vice President and Chief Operating Officer,
The Milton S. Hershey Medical Center
Director, University Hospital

P.O. Box 850
Hershey, Pennsylvania 17033
(717) 531-8803

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Dear Dr. Wilensky:

Thank you for the opportunity to provide comment on the Medicare Hospital Mortality Information. It has become accepted over the years that the data in themselves are not a meaningful guide to hospital performance. The information is designed to raise questions, not to answer them. It identifies differences in mortality among hospital patient populations but does not and cannot explain why they are different. Much of the differences in hospital mortality, particularly for deaths that occur after the individual left the hospital, may be explained by factors which can only be revealed through further study.

We can only provide comment on those patients that expired at University Hospital. This includes approximately 82 percent of the patients with an observed mortality rate within 30 days. Of course, patients that expired at 90 and 180 days did not expire at University Hospital so it is not reasonable to provide comment.

For all causes, the observed mortality rate at University Hospital is lower than predicted. We have chosen to provide comment on those patients that expired at University Hospital in the following diagnostic categories where the observed mortality rates appear higher than predicted, although in most cases, the numbers were too low to permit statistical calculation of a standard deviation, so the numbers may not be truly different.

An Equal Opportunity University

Chronic Obstructive Pulmonary Disease: One patient expired at University Hospital within 24 hours of admission of a ruptured aortic aneurysm.

Sepsis: Eight patients expired at University Hospital. Five patients had advanced stages of cancer and the other three had serious underlying diseases (e.g. alcoholic cirrhosis). Three patients were age 85 or older. It should be noted that seven out of eight patients had limitation of care orders at the request of the patient or family. These orders and the serious underlying diseases limited aggressive management of these patients.

Coronary Artery Bypass Graft: Seven patients expired at University Hospital. Three patients underwent their second coronary artery bypass graft procedure which has an increased mortality rate. The other four patients had multiple underlying diseases (e.g. stroke) and were of advanced age. Two patients had limitation of care orders.

Open Reduction of Hip Fracture: One patient expired at University Hospital from a stroke. This individual was 92 years of age and had limitation of care orders.

In summary, in each of these four groups, the patients were of advanced age, had multiple serious underlying disorders, and in many instances, the patient and/or their family desired that no extra ordinary means be used to prolong life. After careful review, we believe that the care rendered by University Hospital staff was excellent.

Again, thank you for the opportunity to provide comment.

Sincerely yours,

Allan C. Anderson

ACA/MZ/kar

FORBES HEALTH SYSTEM
Medical Services Office • 2570 Haymaker Road • Monroeville, Pennsylvania 15146 • 412/858-2435

March 17, 1992

Medicare Provider Number 390184✓
Medicare Provider Number 390172
Medicare Provider Number 390267

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Ms. Wilensky,

The following is the response on the HCFA mortality data for FY 1990 for the Forbes Health System. The System includes Forbes Regional Health Center, Forbes Metropolitan Health Center and Highlands Hospital and Health Center.

We still have the same reservations regarding the MODEL, which we have expressed in previous years. However, it does not seem productive to keep repeating them.

There is one correction that needs to be made in Forbes Regional Health Center's characteristics, namely;

1. The hospital has no Alcohol/Drug program.

2. It does have a "Psychiatric" service.

We endorse the addition of the three new comorbidities. The more closely this data identifies the "severity of illness" on admission, the more valuable will be the conclusions.

If you have any questions, please feel free to contact me at 412/858-2434.

Very truly yours,

Richard N. McGarvey

Richard N. McGarvey, M.D.
Senior Vice President
Medical Services/Medical Director

RNM/kls

390247

HOSPITAL OF THE HOME FOR THE JEWISH AGED

ANALYSIS OF HCFA MORTALITY INFORMATION

The Hospital of the Home for the Jewish Aged is a leader in providing acute and rehabilitative care to the geriatric population. We are committed to the delivery of quality patient care to the frail, elderly community.

The average age of our patient base at the Hospital of the Home for the Jewish Aged is 84 years; 99 percent of our patients are Medicare beneficiaries. Because of our frail elderly patient base, comparative analysis of mortality rates between general acute care hospitals and our hospital is not valid. Our major concern about your analysis continues to be the inability of your model to take into account the adverse impact of long term nursing home residence on death rates.

As we have noted, almost 70 percent of our hospital admissions come from our nursing home. A 1986 study which followed frail elders in the community and in nursing homes suggest that death rates for nursing home residents at six months are at least twice those for community dwellers (Mannheim LM and Hughes SL, Use of Nursing Homes by a High-Risk Long-term Care Population. Health Services Research, 1986).

Furthermore, the type of nursing home and patient characteristics also will contribute significantly to outcome. For example, data from the 1977 National Nursing Home Survey (National Center for Health Statistics, 1977 summary for the United States, National Nursing Home Survey, DHEW Publication No. (PHS) 79-1794) indicate that the percentage of those discharged dead from a Medicaid skilled nursing facility is over twice the percentage of those discharged dead from a Medicare skilled nursing facility. This is not surprising since Medicare SNF's focus on short stay rehabilitation for patients who are chosen because they have a high likelihood of improvement. Because this analysis uses only Medicare data sources, the figures considerably underestimate the mortality risk for nursing home residents in general, who are mostly reimbursed by Medicaid. In particular for our facility, in which 70 percent of the residents are covered by Medicaid, HCFA's inability to access Medicaid data severely limits the validity of your conclusions.

Given the expected higher death rates for nursing home residents in general, we feel that that the only component of this model that might have some relevance to the quality of acute hospital provided by us is the death rate at 30 days. I am pleased that our mortality rates at 30 days are within the two standard deviations of the rates that were predicted. This is especially bnoteworthy since 80 percent of our current admissions have a Do Not Resuscitate status.

Philadelphia Geriatric Center has a well deserved reputation for excellence in both long term and acute care. We believe that our current quality of care continues to live up to that reputation.

MEDICAL
COLLEGE
HOSPITALS

Main Clinical Campus

3300 Henry Avenue
Philadelphia, PA 19129

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
Attn: Robert Moore

Hospital Id: 390047

Dear Dr. Wilensky:

Thank you for giving us the opportunity to provide comments to the 1990 Mortality Data compiled by the Health Care Financing Administration.

The Medical College Hospitals, Main Clinical Campus, was formerly known as the hospital of the Medical College of Pennsylvania. Although official use of our new name began on January 26, 1992, we realize that you will be using the old name for the purpose of this report.

Our hospital supports the evolution of a process to provide the consumer with accurate, reliable health care information and comparative hospital data. However, mortality rates are only one of several complex indicators which must be considered within the context of many contributing factors such as severity of illness, terminal diseases including Cancer, socioeconomic background; the "DO NOT RESUSCITATE" wishes of the patient and/or the patient's family; and transfers from other acute care facilities, or transfers to other acute care facilities or nursing homes.

Unfortunately, weaknesses in the report process impact the communication of meaningful information to consumers. This includes issues such as patients who are discharged from a hospital in good condition and expire six months later due to totally unrelated issues (i.e., automobile accident). Yet, this patient will appear on the report as a fatality, implicitly related to the hospital care provided six months prior to the accident.

Another relevant factor concerns collection of diagnostic and procedural data. Frequently, there are many more than the five diagnoses and three procedures as collected by HCFA which describe the condition of the patient. Yet these additional diagnoses and procedures are not identified and are not reflective of the complete clinical picture.

We practice comprehensive quality assurance programs for clinical departmental and medical staff peer review in order to evaluate and ensure the highest quality of health care for both present and future generations. Mortality review is only one part of our total Quality Assurance Program, which is designed to monitor the quality and appropriateness of all patient care activities.

We have performed a focused review of the patients' medical records in the categories where the observed mortality rate exceeded the predicted mortality rate. Even in categories without a statistically significant difference (due to a small sample size), we continue to evaluate all information as part of our continuous Quality Assurance program. Our review revealed no quality of care issues but we will monitor additional data as it becomes available.

As a leading academic medical center, our primary mission is to educate future physicians and scientists, conduct scientific research, and deliver quality clinical and diagnostic services to those we serve. Patients benefit by the rapid translation of education and research into the health care delivery system. By resolving identified problems and by actively pursuing opportunities to improve patient care and services throughout the institution, we are committed to providing the highest standard of medical care.

Sincerely,

Shelley Gebar

Shelley Gebar
Executive Director and
Chief Executive Officer

attachments

UNIVERSITY OF
PENNSYLVANIA
MEDICAL CENTER

Wilbur B. Pittinger
Executive Director
Hospital of the University of Pennsylvania
Vice-President
University of Pennsylvania Medical Center

Hospital of the University of Pennsylvania
University of Pennsylvania School of Medicine

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March 19, 1992

COMMENTS ON THE HEALTH CARE FINANCING ADMINISTRATION MORTALITY REPORT

Provider # 390111

The Hospital of the University of Pennsylvania (HUP) supports the Health Care Financing Administration (HCFA) efforts to improve the quality of care provided to Medicare beneficiaries by publishing information about hospital mortality. As a tertiary care hospital, HUP also recognizes its obligation to provide state-of-the-art health care to patients who, because of complicated illness, cannot be treated at other area hospitals.

Coronary Artery Bypass Surgery

The observed high mortality rate of coronary artery bypass surgery (CABG) at HUP reflects the severity of illness in these patients. The HCFA predictive model may fail to accurately measure this severity, particularly since the model is based on billing data rather than clinical factors abstracted from the patient record. The HCFA model also relies heavily on data derived from community hospitals. These flaws and other shortcomings of the model have led to the publication of information which could lead to the misinterpretation that the quality of coronary artery bypass surgery at HUP is less than expected.

Patient mortality is influenced not only by the treatment provided within hospitals but also by certain patient characteristics. Unfortunately, HCFA's model adjusts for only six patient characteristics, all obtained from billing data rather than chart review. The model fails to account for preoperative clinical factors which influence outcome and which we believe are critical to the development of accurate quality performance measures.

As we have stated previously, for heart surgery there is a more relevant model, developed and published by Dr. Victor Parsonnet and his associates.(1) This model uses such clinical characteristics as age, the function of the heart muscle, and the presence of other serious diseases to quantify the severity of a patient's illness, stratify patients into risk groups, and permit objective evaluation of operative mortality. The model has received peer acceptance. It is mandated by the State of New Jersey to assess cardiac surgery centers. The Parsonnet methodology is also very similar to the one required by New York State in assessing mortality from cardiac operations.

We continue to evaluate HUP's mortality using the Parsonnet model as part of our ongoing quality assurance program and find that it provides a more accurate assessment. Using the model, we have compared the predicted and actual mortality of 1024 consecutive patients who underwent CABG as the principal surgical procedure between October 1988 and December 1991. In this large group of patients, the predicted mortality was 9.8% while the observed was 8.6%.

In this analysis we have found that HCFA's current predictive model fails to adjust for several important risk factors:

1. HCFA's model does not consider the effect of additional procedures, such as valve replacement, in patients with coronary artery bypass at the same time. Scientific literature indicates that risk of death is doubled when cardiac valve surgery is necessary at the time or coronary artery bypass. Over 20% of HUP's sample of 118 Medicare patients, including 15% who had valve surgery, had cardiac procedures in addition to a CABG.

2. The HCFA model fails to account for differences in risk factors for patients who are transferred to HUP from other hospitals, particularly those which also perform cardiac surgery. For the HCFA sample, the Parsonnet model indicates an average predicted mortality of 12.3% for patients admitted directly to our hospital and a predicted mortality of 16.9% for patients transferred to HUP from other hospitals which have their own cardiac surgery program. Approximately forty percent of our patients are transferred from another acute care hospital, 20% of whom are from another cardiac surgery center.

3. The HCFA model fails to accurately measure the effect of age on mortality. According to the Parsonnet model, a patient aged 70 years has a 7% greater predicted mortality compared to a 60 year-old patient. The predicted increase in risk rises to 20% after age 80. In HCFA's sample, 34% of our patients were 70-74 and 31% were 75 or older. Regional data indicate that HUP has a higher proportion of CABG patients who are 65 and over than do other hospitals.

Prostatectomy Surgery

The HCFA model shows an observed mortality rate for prostatectomy which is not significantly higher than that predicted. The HCFA model fails to exclude patients with metastatic cancer from its calculations of predicted mortality. For example, 50% of our deaths for patients undergoing prostatectomy had a diagnosis of metastatic cancer of the prostate. These patients died up to eight months after their procedure.

The Hospital of the University of Pennsylvania, as a large referral center, sees many patients with a diagnosis of metastatic cancer and therefore the HCFA model may contain a negative bias against referral centers. We would recommend exclusion of patients with the diagnosis of metastatic cancer from future calculations.

In conclusion, we carefully and constantly monitor the quality of care at HUP. For the moment, however, HCFA's data about the quality of care in coronary artery bypass surgery result from a primitive predictive model. Consequently, this model may inadvertently discriminate against medical centers which treat high risk patients for whom surgery may be the only chance of survival and a return to a good quality of life.

(1) Parsonnet V., Dean D., Berstein AD: A Method of Uniform Stratification of Risk for Evaluating the Results of Surgery in Acquired Adult Heart Disease. Circulation 1989;79 (supplement I: I-3-I-12).

The
Hyman S. Caplan
Pavilion
THE GOOD SAMARITAN HOSPITAL

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

RE: Medicare Provider
# 390232

Dear Dr. Wilensky:

The Hyman S. Caplan Pavilion of The Good Samaritan Hospital, Lebanon, Pennsylvania, received and verified the accuracy of the 1990 Medicare Mortality Data for deaths occurring in the Hospital. We were not able to verify those deaths occurring post-discharge. During fiscal year 1990, according to Hospital data, 835 Medicare patients were discharged from our Hospital; 61 of those patients died in the Hospital. Based on HCFA data, 148 deaths occurred with only 59 (40%) occurring in the Hospital.

The Hospital characteristics taken from the American Hospital Association Annual Survey of Hospitals - 1990, are correct. The services provided are primarily obstetrics and cancer patients.

The average age of the in-house deaths was 74 years, with a range of 48 to 97 years. Most had either a principal or secondary diagnosis of cancer. In at least 10% of the cases the diagnosis would have been different if the last hospitalization rather than a random selection were made.

The Hospital's observed mortality rate for 30 days, 90 days, and 180 days were within two standard deviations of the mean. Thus, statistically the mortalities were due to random variation and not meaningful.

WILLOW AT FOURTH STREET P.O. BOX 1282 LEBANON, PENNSYLVANIA 17042-1282
Telephone: (717) 273-8521

We appreciate the opportunity to validate and comment on the Medicare Mortality Data. Mortality data is not a meaningful guide to judge hospital performance and has limited usefulness for the average consumer of healthcare. This is particularly true when considering those deaths occurring outside the hospital when 90 to 180 days have lapsed since hospitalization.

Sincerely,

Robert P. Hoffman
President and
Chief Executive Officer

js
c: Robert J. Longo
Joyce Dissinger

JAMESON
MEMORIAL
HOSPITAL

1211 WILMINGTON AVE. · NEW CASTLE, PA. 16105-2595
412-658-9001

Medicare Provider # 390016

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
Attention: Robert Moore

Jameson Memorial Hospital once again appears most favorably and well within predicted ranges of mortality for all categories, however we continue to identify shortcomings in HCFA's reporting process.

Although Jameson Memorial Hospital continues to support the usefulness of HCFA's mortality information for quality screening purposes by clinicians, it is generally well accepted that the data is not meaningful to the consumer as a measure of hospital performance.

HCFA's process for Diagnosis and/or Procedural categorization was based on selection of one random patient hospitalization rather than the most recent hospitalization preceding death. As a result, the reported numbers yield nonconclusive findings relative to a patient's condition at the time of death. HCFA's category groupings can be misleading as patients may have died from other diseases unrelated to the reported conditions or procedures.

It should also be pointed out that deaths are reported in a cumulative manner and an expiration that appears in the 30 day column also is reflected in the 90 and 180 day groupings. Deaths that occur after a patient left the hospital, particularly at 90 and 180 day intervals are difficult to interpret and suspect to outside factors contributing to the patient's demise. HCFA's purpose in reporting at 90 day and 180 day intervals was that clinicians may be more interested in long term survival for some diseases and short term survival for others. Although this is certainly true for diseases of the chronic or terminal nature, again such information is not useful to the general public for evaluation of overall hospital quality services.

Jameson Memorial Hospital and its Medical/Dental Staff have consistently placed quality assurance and review as a top priority in their delivery of health care services. Our standard practice and methodology for such review is achieved through the cooperative efforts of the Medical Staff, nursing teams and all other disciplines that participate in our patient's care. Such reviews are ongoing, systematic and involve a case by case assessment by appropriate peers. This peer process is the most reliable and effective means by which to evaluate quality of care.

We continue to welcome future opportunities to comment on published reports that include our hospital data.

Sincerely,
Thomas White
Thomas White, FACHE
President/CEO

TW/dr

LANCASTER
GENERAL

March 19, 1992 390100

Ms. Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Dear Ms. Wilensky:

We are writing in response to the Health Care Financing Administration's release of the Medicare Mortality data specific to the Lancaster General Hospital.

The comments we made last year are still applicable to this data release:

- As stated previously, we find little validity in publishing mortality data utilizing a 180 time period. We have utilized the 30 and 90 day time period for evaluating the quality and appropriateness of services provided to our Medicare beneficiaries. The information provided by the HCFA does allow us to more completely identify post-hospital deaths.
- Again, we believe that HCFA should provide point estimates or ranges of the predicted mortality rates. We believe the readers of the data will focus upon those areas where observed rates exceeded the predicted, irregardless of the statistical significance of the data. Even utilizing a recognized rule of thumb, adding and subtracting two standard deviations, and highlighting observed rates outside of this confidence range would provide more useful and interpretable data for the public and press. This method was utilized last year by our local newspapers and we felt that the data could be more easily understood than simply utilizing the published point estimates.

A NOT-FOR-PROFIT HOSPITAL

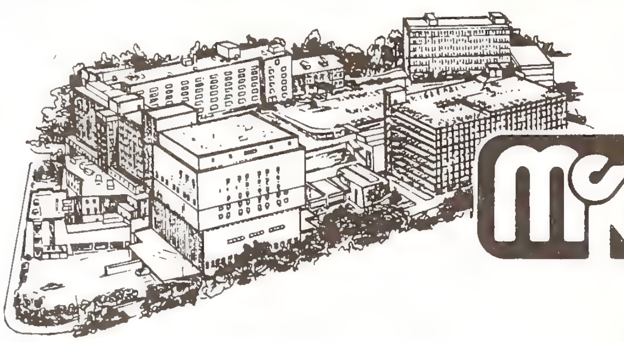
555 North Duke Street, P.O. Box 3555, Lancaster, PA 17603-1858 Tel. 717-299-5511

We reviewed our data utilizing two times the standard deviation to approximate a 95% confidence level. **All** conditions and procedures for all areas of analysis were well within the range of predicted mortality at a 95% confidence level. Considering we are a large tertiary care facility we are very pleased with our data.

We reiterate, as in the past years, that the Medicare Mortality Data is not, in itself, a measure of quality. However, we encourage the Health Care Financing Administration to continue to refine methodologies to assess the quality and appropriateness of health care.

Sincerely,

Michael A. Young
President



McKEESPORT HOSPITAL
1500 Fifth Avenue • McKeesport, Pennsylvania 15132-2483
(412) 664-2000

March 10, 1992

Medicare Provider Number: 390002

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Mr. Moore:

Thank you again for the opportunity to respond to your latest data release. Since McKeesport Hospital had no Diagnostic-Related Group whose values proved statistically significant, we in turn have no specific DRG to comment on.

Three observations do come to mind while reviewing the report, though.

First, since your report is slated for public release, we are somewhat remiss that you have chosen simply to list standard deviation as a number, rather than to illustrate the actual range represented by ±2 standard deviations. Although we fall well within the acceptable range on all accounts, the figures, on the surface, appear slightly higher than predicted. Without illustrating 'acceptable ranges, the public could easily mis-interpret the numbers as being somehow "unacceptable."

Secondly, we question your reasoning behind listing those statistically *insignificant* DRGs represented by less than 50 cases. Reporting on such a small sampling is misleading and only serves to further confuse the public.

Thirdly, your failure to adjust your report by age and severity also makes your findings misleading.

McKeesport Hospital feels that our population is atypical compared to our peers, yet our mortality statistics are compared equally with all other hospitals. Even Pennsylvania's Health Care Cost Containment Council attempts to adjust for age and severity. In the interest of fairness, you should consider factoring age and severity into your reports.

Sincerely,

Ronald H. Ott
Ronald H. Ott
Executive Director

James T. Hanlon M.D.
James T. Hanlon
President, Medical-Dental Staff

Memorial
Hospital

Medicare Provider #390101

325 S. Belmont St., P.O. Box 15118, York, Pennsylvania 17405 (717) 843-8623

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Dear Dr. Wilensky:

Memorial Hospital of York, Pennsylvania appreciates the opportunity to comment on its 1990 Medicare Hospital Mortality Rates.

We are pleased to note our favorable statistics for 1990 but we recognize that mortality results from any causes unrelated to the care or treatment given in a particular hospital.

We will use this year's statistics in our own program to continually assess and improve our care.

Sincerely,

Dennis P. Heinle
President

DPH/sah

Mercy
HEALTH CORPORATION OF
SOUTHEASTERN PENNSYLVANIA

Suite 402
One Bala Plaza
Bala Cynwyd, PA 19004
(215) 660-7442

Office of the Executive Vice President

March 16, 1992

Gail R. Wilensky, Ph.D.
Health Care Financing Administration
6325 Security Boulevard
Baltimore, Maryland 21207

Re: I.D. #390156

Dear Dr. Wilensky:

Thank you for sending us the mortality data. We appreciate the opportunity to review the data prior to its publication.

Mercy Catholic Medical Center (Fitzgerald Mercy and Misericordia Hospitals) continues its commitment to assuring the highest standards of care for its patients through a comprehensive and ongoing Quality Assurance Program. Our Quality Review Department, consisting of quality assurance nurses, staff physicians, and Clinical Department Chairmen, monitors the quality of care for every patient. The cornerstone of our program is the MedisGroup System which allows review of all mortality by the Medical Staff at their clinical department meetings. At MCMC the quality assurance commitment extends from all of whom are intimately involved in reviewing and interpreting the information. We believe strongly that MCMC has a verifiable system in place designed to insure quality care to all its patients.

We are pleased that MCMC's actual mortality for all conditions continues to be within the predicted ranges for 30, 90 and 180 days post admission, at or above the 95th percentile with the exception of sepsis and hip fracture.

The data concerning Sepsis and hip fractures are minimally above the predicted range at 30, 90 and 180 days post admission. We plan to review the sepsis and hip fracture data internally. However, we continue to be concerned with the validity of any correlation between initial admission diagnosis and mortality up to 180 days post admission.

Sincerely yours,

Plato A. Marinakos

PAM/md

cc: Thomas F. Toomey, Jr., M.D.
Jeffrey K. Norman
JoAnn K. Mower

The Mercy Hospital of Pittsburgh 412-232-7510
1400 Locust Street
Pittsburgh, PA 15219-5166

Mercy Hospital

Joanne Marie Andiorio, RSM, Dr. P.H.
President and Chief Executive Officer

MARCH 17, 1992 Medicare Provider No. 390028

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Gentlemen:

The Mercy Hospital of Pittsburgh would like to take this opportunity to express our appreciation to you for providing us with patient specific listings and most importantly, for sharing the data in advance of release and allowing us the opportunity to comment.

Mercy Hospital, part of The Pittsburgh Mercy Health System, is a 500+ bed tertiary teaching hospital offering a full range of medical and surgical services as well as Obstetrics, Psychiatry and a Children's Medical Center.

Mercy is an accredited Level I Trauma Center and houses many specialty care units including a burn center, medical/surgical intensive care unit, cardiovascular surgery intensive care unit, coronary care unit, neonatal intensive care unit, apheresis/dialysis center, rehabilitation unit, and a pediatric emergency center.

Mercy is staffed by 478 physicians, 87% of whom are board certified specialists. As a teaching hospital Mercy offers or is affiliated with 9 residency programs, 5 fellowships and operates a School of Nursing.

Mercy is actively implementing a Continuous Quality Improvement process and focusing on customer satisfaction. As part of our ongoing Quality Assessment and Improvement process all deaths are reviewed. Comparative death rates from similar facilities and from Effectiveness Reports published by the Pennsylvania Health Care Cost Containment Council are also utilized in our assessment and review process to help us determine where we are in relation to our peers. Based on multiple comparative reports and published data we continue to have an overall or condition/procedure specific death rate that is below expected.

Please accept the following comments from The Mercy Hospital of Pittsburgh to be included with the data release. We appreciate the fact that the Health Care Financing Administration continues to release our comments with the data. In the category of deaths ALL CAUSES, Mercy is reported as having a 7.6% observed rate. Even though that is below the predicted rate of 9.4% our hospital data reflects our overall death rate to actually be 6.7%. Reporting mortality data in this manner does not reflect severity of the patient on admission or the seriousness of co-existing conditions. A review of patient records from several of the categories revealed some additional facts that we feel should be mentioned and need to be considered when utilizing the observed rates.

In regard to Pneumonia/Influenze, our observed rate is reported as 16.9%, however, our hospital actual data reports our rate to be 14.2%, which is below the predicted rate of 14.7%. Of our patients who died the average age was 74 years, 86% were transferred from community hospitals to Mercy or emergency admissions. As a reflection of the severity of their illness on admission, 24% had an admission severity of 4 (organ failure present) and 64% a severity of 3 (high potential for organ failure). A chart review revealed that all of the patients had many long-standing, co-existing conditions of a severe or life threatening nature.

In regard to Sepsis, our observed rate is reported as 29.4%, however, our hospital actual data reports our rate to be 25.8%, which is below the predicted rate of 28.5%. Of our patients who died all were emergency transfers from community hospitals to Mercy. 78% had a severity on admission of 3 with 22% of them having a severity of 4 confirming that the patients were extremely ill (unresponsive, obtunded, increased respiratory distress, rapidly deteriorating) upon admission.

In regard to Initial Pacemaker Insertion, our observed rate is reported as 5.1%, however, our hospital actual data reports our rate to be 3.6%, which is below the predicted rate of 3.9%. Only 20% of the patients who died, died at Mercy. The remaining patients died from 17 days to 3 months after discharge from the hospital. A review of the charts of those patients who did die at Mercy revealed that the patients had multiple admissions and had many long-standing, co-existing, life threatening conditions.

Sincerely,

Sr Joanne Marie

Sister Joanne Marie Andiorio, RSM, Dr.P.H.
President

cc: Sister Kathi Sweeney, RSM
Executive Vice President/Chief Operating Officer

Methodist Hospital

2301 South Broad Street
Philadelphia, PA 19148

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital information
Bureau of Data Management & Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
Attn: Robert Moore

Provider No: 390205

Dear Dr. Wilensky:

Methodist Hospital has reviewed the FY 1990 Medicare Hospital Mortality Rates provided by your office and we welcome the opportunity to respond. Methodist Hospital is proud of the quality of care we provide to our patients as well as the programs we have in place to assure that we continue to meet the highest standards possible in caring for our patients. Our commitment to superior health care is system-wide and we consistently monitor our activities so as to meet our patients' and community's needs.

Our review of the data for FY 1990 and the comparisons of this information with data for FY 1989 and FY 1988 indicate that Methodist Hospital is well within or below the predicted mortality rates in most areas. While we are higher then predicted in Strokes for 30 days, 90 days and 180 days, and Chronic Obstructive Pulmonary Disease for 90 days and 180 days we still remain within the limits of Standard Deviation. As the statistics indicate Standard Deviation cannot be calculated for some of our procedures in which we are higher because the number of deaths or cases are too small for an estimate.

The above shows Methodist Hospital to be providing care appropriately and we are pleased with this analysis. The areas in which we placed higher than we would like will be used as Quality Management studies and we have already reviewed these cases. Many patients were elderly with complicating comorbid diseases and presented to us with multiple psychosocial problems. In our review, we determined that all care we rendered to these patients was appropriate. We will continue to monitor potential trends and issues.

Despite the positive view of Methodist shown by this data, we must comment on the potential confusion which may be created by the presentation of the statistics. Mortality rates alone do not acurately convey the quality of care given to patients in that the many contributing factors such as severity of illness and socio-economic status are not accounted for.

Thank you for the opportunity to reply.

Sincerely,

Kevin R. Hannifan
President and Chief Execuitve Officer

Osteopathic Medical Center of Philadelphia
4150 City Avenue, Philadelphia, Pennsylvania 19131-1696

(215) 871-2530

Provider #390234

Timothy A. Churchill
Executive Director and
Chief Executive Officer, Hospital

Osteopathic

March 13, 1992

Gail R. Wilensky, Ph.D., Administrator
Heath Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

re: 1990 HCFA Mortality Data
HPCOM-Parkview Campus
Provider #390234

Dear Dr. Wilensky:

The annual HCFA mortality study has undergone many changes in an attempt to refine the collected data into meaningful published information. The classifications of disease considered and the co-morbid conditions attributing to patient death are most helpful and fully appreciated. Deaths within 30 days of hospitalization may also be factual in assessing patient outcome as a result of hospital care. Reporting deaths beyond this 30 day period brings into question the validity of the causal relationship between hospital/physician care and ultimate demise.

This is most revealing in the fact that the average hospital length of stay is only 11.5 days, and in reporting deaths at 90 days post-admission, the data considered is over eleven weeks from hospital discharge. Cause and effect relationships are clearly muddied.

Because of our concern over the 90 and 180 day post-admission deaths, a detailed review of this hospital's specific data for the 1990 fiscal year study was undertaken.

This study showed that 115 patients died within thirty days of admission while another 21 died within thirty days of discharge. This leaves a total of 157 deaths (53.6%) which occurred greater than thirty days after the patient was removed from hospital care. To relate or attribute the actual cause of death of these individual patients to their hospital care is extremely suspect.

In the weeks and months following hospitalization, the patient may be subjected to a variety of other environmental and social factors which can, and do, influence outcome. Nursing home care, medical drug compliance, onset of secondary illness or disease, socio-economic considerations, post-hospital physician follow-up and possible unrelated instances of death must all be evaluated in assessing factors which may have attributed to the patient's death.

Correlation between deaths occurring more than thirty days after hospital discharge and the quality of hospital care is extremely difficult, if not impossible, without a complete and detailed analysis of all the other environmental factors influencing patient outcomes. We strongly object to any undocumented inference that hospital care and time-separated patient deaths are in any way related.

Sincerely,

Timothy A. Churchill
Executive Director/Chief Executive Officer

/ra

MONONGAHELA
VALLEY
HOSPITAL, INC.

Country Club Road
Monongahela, PA 15063-1095
(412) 258-1000

A HEALTHY
COMMUNITY
RESOURCE

MEDICARE PROVIDER NUMBER: 390147

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management & Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Dr. Wilensky:

The following are the comments prepared by Monongahela Valley Hospital, Inc. relating to the HCFA Mortality Data for federal fiscal year 1990.

The information received from HCFA indicates that a total of 3,247 Medicare patients were admitted to Monongahela Valley Hospital during the timeperiod October 1, 1989 - September 30, 1990, with a subsequent mortality rate of 9.5%. However, hospital statistics indicate that there were 5,690 Medicare admissions during that timeframe and the recalculated mortality rate should actually be 7.1% (405 Medicare deaths divided by 5,690 Medicare admissions). This discrepancy presumably reflects multiple admissions of Medicare beneficiaries to our facility which HCFA has deleted from the calculations.

As was the case in prior years, Monongahela Valley Hospital, Inc. was satisfied to note that our actual mortality rates were within the range of predicted statistical projections; however, it is important to reinforce that mortality rates are not indicators of quality patient care. Quality can only be evaluated by the peer review process which the Monongahela Valley Hospital and Medical Staff expends many manhours performing on an on-going basis. As an example, every death occurring within our facility is reviewed on a monthly basis by the Chairmen of the Departments of Medicine and Surgery with the findings of this review discussed at the monthly departmental meetings. This is one small part of a hospital-wide quality assurance program implemented within our facility.

MEDICARE PROVIDER NUMBER: 390147

Quality relates to the appropriateness of patient care being provided within standards of good medical practice while being designed to the specific condition and wishes of the patient. Quality cannot be reduced to statistical projections, therefore, conclusions regarding hospital quality of care based on these data are unwarranted.

Very truly yours,

Donna Ramusivich

Donna L. Ramusivich
Assistant Vice President

DLR:laa

MONTEFIORE
UNIVERSITY HOSPITAL

University of Pittsburgh
Medical Center

MEDICARE PROVIDER NUMBER: ✓390229 AND 390143

March 18, 1992

J. Michael Hudson, Acting Administrator
Health Care Financing Administration
Medical Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Dear Mr. Hudson:

The following are the brief comments of Montefiore Hospital ("Montefiore") and Eye & Ear Hospital (Eye & Ear) of Pittsburgh, Pennsylvania, concerning the mortality rates prepared by HCFA for Medicare patients in Fiscal Year 1990. Eye and Ear merged with Montefiore in 1990, and the two are now one nonprofit, tertiary, acute care facility, Montefiore University Hospital, with 600 licensed beds. As part of the University of Pittsburgh Medical Center, an academic medical center, the hospital serves as a national and regional referral center and the region's leading medical education and research center.

CASE REVIEW AND QUALITY OF CARE

Montefiore and Eye & Ear, while reassured by their own low mortality rates, continues to believe that these numbers do not represent the sole or most important measure of the quality of care provided by its medical and hospital staff. Mortality rates cannot and should not be used to judge the quality of care provided by a hospital. Because of the sophisticated services that are provided in the academic medical center and the corresponding referral of gravely ill patients, studying mortality by looking only at numbers is misleading. Reviewing mortality statistics is but one small portion of the hospitals' ongoing effort of measuring and enhancing the quality of care provided. Medical staff departments of Montefiore and Eye & Ear

3459 Fifth Avenue
Pittsburgh, PA 15213-3241
412-648-6000

conduct an ongoing, systematic monitoring and evaluation program, through which medical records for all patient deaths are reviewed, and clinical findings are discussed and analyzed.

METHODOLOGY

We applaud HCFA's continual efforts in refining its methodology to incorporate the concerns and comments hospitals expressed about the previous years' mortality reports. HCFA has moved closer to providing hospitals with data that are more sensitive to the multiple factors involved in assessing the "risk" of death and use of prediction intervals. Even using the updated methodology, however, the predicted mortality figures and standard deviation ranges continue to be very broad. These broad ranges illustrate the fact that hospitals cannot rely upon mortality-rate calculations as a single quality assessment tool, because such figures are unlikely to accurately identify potential problems.

CONCLUSION

Montefiore University Hospital and the University of Pittsburgh Medical Center welcome efforts to make the HCFA mortality data more meaningful and look forward to further methodology refinement and education of the public. However, the current data are not appropriate for use by the public in judging the quality of care rendered by hospitals. Rather, the data must be used by professionals in concert with other criteria to be a meaningful component of quality assessment.

Sincerely,

Pat Shehorn

Patricia Shehorn
Vice President, Clinical Administration
University of Pittsburgh Medical Center

MUHLENBERG
HOSPITAL CENTER

March 18, 1992

Gail R.Wilensky, Ph.D.,Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Attn: Robert Moore

Re: Medicare Provider #390263

Dear Mr.Moore:

I wish to thank you for the opportunity to review and provide comment on the Medicare Mortality information which the Health Care Financing Administration(HCFA) plans to release in June, 1992.

Muhlenberg Hospital has a comprehensive, on-going, hospital-wide Quality Assurance Program designed to monitor and evaluate the quality and appropriateness of patient care services provided. One aspect of this process is the review of all mortalities.

Upon receipt of the HCFA data, members of the Center's Medical Staff attempted to verify this data and conducted a re-review of the mortalities. The following is a summary of the results of this analysis:

* Overall, Muhlenberg Hospital Center's observed Mortality rate is nearly two standard deviations below the predicted rates.

* Of the Mortalities included in the HCFA Report, over seventy percent (70.67%) expired post discharge of unknown causes. All cases were discharged in improved and/or stable condition.

* The average age of the patients included in this report was 74.8 years with 36.5% of the patients with long-standing chronic cardiovascular disease and 21.1% with chronic pulmonary disease.

continued.....

2545 Schoenersville Rd. • Bethlehem, PA 18017-7384 • 215-861-2200

.....continued

The Board of Trustees, Administration and Medical Staff of Muhlenberg Hospital Center intend to continue comprehensive quality assurance activities and would hope that HCFA will work with hospitals to provide the public with meaningful information on which to base their health care decisions.

Very truly yours,

J Jeffrey Beich

J.Jeffrey Beich
Vice President-Operations

NASON HOSPITAL
105 NASON DRIVE
ROARING SPRING, PENNA. 16673-0031
TELEPHONE (814) 224-2141
FAX (814) 224-6236

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of DATA Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Medicare Provider No. 390062

Attn: Robert Moore

Nason Hospital conducted a validation study of the 1988, 1989, and 1990 HCFA mortality release after receiving the report in February 1992. We would like to comment as follows:

Nason Hospital reviews all hospital deaths via the quality review process. Actual mortality rate for 1990 is 3.9%. All deaths were reviewed and found to be unavoidable.

Of the patients who died in 1990, 49% were 76 years old or older.

73% of the deaths were Medicare patients; this is expected since our patient population is primarily elderly.

71% of all patients who died had "Do Not Resuscitate" order on the medical record.

82% of the Medicare patients who died had "Do Not Resuscitate" order on the medical record.

This information is highly significant when mortality statistics are reviewed. At present, patient wishes regarding resuscitation are not part of the HCFA predicted mortality calculation. Also, pertinent is the fact that no diagnostic categories were assigned a significance level because of low numbers of cases in each category.

We appreciate the efforts of the Health Care Financing Administration to revise and improve the mortality statistics using input from health care facilities and organizations. We will continue to use the statistics as a part of our screening process for identifying areas for ongoing quality review.

Sincerely,

John P. Kinney
President/CEO

JPK/lt

North Hills Passavant Hospital

9100 Babcock Boulevard • Pittsburgh, PA 15237 • Telephone: (412) 367-6700

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Prov.# 390107

RE: HCFA Mortality

March 19, 1992

Dear Ms. Wilensky,

North Hills Passavant Hospital is in receipt of the 1990 HCFA mortality data and accompanying informational packet.

While the hospital does not view exhaustive analysis of any one payor class as the most effect means of enhancing patient outcomes, we are in the process of aggregate and case specific review using pre determined criterion. Said review is being coordinated by our Quality Improvement Committee using a multi-disciplinary team approach including Medical Staff Department involvement and leadership.

We have applied the statistical calculations and arrived at our percentile factor for each category. We are comfortable with our findings, but cannot make any claim relative to a bridge to quality care. This is a well intentioned attempt to present a clinical profile using financial data, which creates a less than reliable reference for clinical review. All cases reviewed to date have been patients with end stage disease processes.

It is our intent to follow through with our analysis as we do in all cases of external review findings.

We would like to submit our comments regarding the need to continue to fine-tune this process in the following ways:

1. Inclusion of severity.
2. Exclusion of advance directives for no aggressive care.
3. Improvement of the random admission choices.

Finally, the strength and effectiveness of internal monitoring and evaluation remains the most useful process. There are yet unavailable flaws in this reporting mechanism that we hope can be resolved in time without adding too much strain to our already taxed health care healthcare budget.

Sincerely,

Ralph T. DeStefano

Ralph T. DeStefano, President
North Hills Passavant Hospital

North Penn Hospital

100 Medical Campus Drive
Lansdale, PA 19446 • (215) 368-2100

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187
ATTN: Robert Moore

Provider #390012

RE: 1990 Mortality Statistics

Dear Dr. Wilensky:

North Penn Hospital has carefully reviewed the fiscal 1990 Medicare mortality statistics provided by the Health Care Financing Administration. We have noted HCFA's attempt each year to make the report more meaningful for both hospitals and consumers. As in years past, the management and governing board support distribution of valid and useful data. Our concerns regarding the use of mortality statistics for this purpose likewise remain the same.

This data represents Medicare beneficiaries only and as such its utility is limited. These patients are elderly and often have numerous medical conditions which complicate their care. Many of these deaths occurred well after discharge from the hospital. In particular, a death within 180 days of discharge is a questionable indicator of quality.

Regardless of any future releases, North Penn Hospital continues to monitor the care provided to all patients through an active, integrated quality assessment and improvement program with the full support and interest of the Board of Directors, management, physician and professional staffs. We will continue to focus our efforts on providing the best possible care for our community.

Sincerely,

NORTH PENN HOSPITAL
Robert H McKay
Robert H. McKay
President

RHM/jad

NORTHEASTERN HOSPITAL OF PHILADELPHIA
2301 East Allegheny Avenue, Philadelphia, Pennsylvania 19134-4499, (215) 291-3000

Medicare Provider #390126

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Dear Dr. Wilensky:

Thank you for the opportunity of reviewing the Medicare Hospital Information - 1992 to be published later this year. We realize the potential that the release of this information has for improving the quality of care that is rendered to Medicare beneficiaries. However, it is important that the general public realize that there are major limitations in making objective decisions concerning the quality of care rendered to patients based solely on this information.

Northeastern Hospital of Philadelphia had an overall observed mortality rate that fell below the predicted mortality rate in all three time periods of 30, 90 and 180 days after admission. We have always fallen within the predicted range of mortality for all of the diagnostic and procedural categories in each of the past years in which the mortality information has been published.

Last year, the format of the data presentation changed in that a single point estimate is used as the point of comparison in all of the diagnostic and procedural categories. Prior to 1991, the observed mortality rate was displayed against a range of predicted mortality. This change in the data presentation has the potential to cause problems in that erroneous conclusions can be made. A negative picture can emerge if a hospital's observed mortality rate falls above the predicted mortality rate. However, even though the hospital's rate fell above the single point estimate, the rate may still fall within a range of predicted mortality after calculating what the range would be using the standard deviation. It does appear the general public will not be able to see this range because it is not published; only the single point estimate is published.

A further problem develops in that when the number of cases in a category is small, a standard deviation cannot be estimated, and if a standard deviation cannot be estimated, it is therefore impossible to determine a range of predicted mortality. In some of the categories for Northeastern Hospital of Philadelphia, a range of predicted mortality could not be calculated because the number of cases in these categories was limited. Consequently, even though the observed mortality rate may have been higher than the predicted rate, the rate may still be theoretically within a predicted range, but this predicted range could not be determined without a standard deviation. As a result, inappropriate conclusions could be drawn about the mortality rate.

All deaths which occur in the Hospital are reviewed by major committees of the medical staff. There is an ongoing, active quality assurance/continuous quality improvement program within the Hospital. The medical staff, as well as everyone who provides patient care, strives to actively ensure that patients receive the highest quality of care.

In those categories in which the Hospital's observed mortality rate was higher than the predicted mortality rate, a thorough review by medical staff peer review committees of the medical records of the patients in these categories revealed that there were no problems with the quality of care rendered to these patients. The review revealed that their deaths were inevitable and could not have been prevented. Many of the patients were so gravely ill that they and/or their families requested that no extraordinary measures be taken to prolong their lives. Many of these patients had a multiplicity of problems, in addition to the problems for which they were admitted. As a review of these medical records indicates, to draw conclusions concerning quality of care based on statistics alone has the potential to lead to erroneous judgments.

We cannot overemphasize the fact that Northeastern Hospital of Philadelphia is committed to providing the highest quality of patient care. Again, we thank the Health Care Financing Administration for the opportunity of reviewing the Medicare Hospital Information - 1992 data, but we strongly recommend that caution be exercised before making judgments based on these statistics.

Sincerely,

Ralph E. Cross

Ralph E. Cross, FACHE
President/Chief Executive Officer

REC:mc

Medicare Provider No. 390067

polyclinic™
MEDICAL CENTER
2601 North Third Street   Harrisburg, Pennsylvania 17110
Telephone (717) 782-4141

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Re: HCFA Mortality Statistics - 1990

Dear Ms. Wilensky:

The HCFA mortality statistics of 1990 Medicare hospitalizations were reviewed and analyzed at two standard deviations above and below the predicted values. In all the categories chosen, Polyclinic Medical Center's observed mortality rate fell within the 95% prediction interval. Three of the nine diagnostic categories and six of the nine procedural categories had numbers that were too few to be analyzed in a statistical fashion.

Polyclinic Medical Center continues to review all mortalities through it's Quality Management Program. Peer review is conducted by physicians in all clinical departments using predetermined criteria. The clinical mortality review of the HCFA data does not reveal any quality concerns.

Sincerely,

Stephen H. Franklin
President and Chief Executive Officer

SHF/ttf

Pottstown Memorial
Medical Center

Medicare Provider Number: 390123
March 17, 1992

HCFA MORTALITY REPORT COMMENTS

Pottstown Memorial Medical Center is dedicated to providing quality care to all those we serve. Hospital Wide quality improvement activities are conducted on an on-going basis to insure that quality care is provided. As part of our quality improvement program, all mortalities are reviewed, as well as, all procedures and high risk diagnoses.

Upon receiving the HCFA mortality data, we have reviewed those cases included in the report. In reviewing the medical records of patients included in the HCFA mortality report, we identified three factors that we believe have a significant impact and account for the difference between "expected" and the actual mortality rates. These factors are the age of the patient, the existing comorbid conditions and the patients wish for no heroic, life sustaining measures to be taken. Although the patients age and comorbid conditions were taken into consideration to some degree, additional age categories and the severity of the illness of the patient should be included. A patients wish for no heroic measures to be taken is not addressed in any manner. These factors should be included to derive a more accurate and meaningful comparison to actual results.

For example, the average age group of our patients included in the 15 categories was 75-87 years of age. Only 3 categories had an average age below 80 years. There is a significant difference in how a patient responds to treatment between a 23 year old and a patient over 80 years of age. Such broad categorization can effect the validity of the results. In addition, complications and comorbid conditions have an impact on the patient's ability to respond to treatment and maintain long term good health. Although there were 3 additional categories of comorbid conditions considered in the HCFA model, there were significant others that were not included. In addition, 36% of our patients included in the mortalities had documented requests for no heroic, life sustaining measures to be taken on their behalf, which again, is not considered in the methodology to calculate "expected mortalities". We believe the combination of these factors greatly limits the validity of the mortality predictions, making comparisons of observed to predicted questionable and not a true reflection of any institutions quality.

The HCFA report shows that there are variances in the rates, but does not show why there are differences. We believe that quality is not accurately measured in this report and that the public may be potentially mislead to

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Pottstown, Pennsylvania 19464-5008
215-327-7000

VHA.
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conclude that a hospital exceeding the expected mortality rate is not providing quality care. There is only one way to monitor a hospitals performance and that is through internal quality improvement activities such as those carried out by the Medical Center on a voluntary or mandated basis as required by outside agencies including the Pennsylvania Department of Health and JCAHO.

Larry A. Crowell
President and CEO

PRESBYTERIAN
UNIVERSITY HOSPITAL

*University of Pittsburgh
Medical Center*

MEDICARE PROVIDER NUMBER: 390164

March 18, 1992

J. Michael Hudson, Acting Administrator
Health Care Financing Administration
Medical Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Dear Mr. Hudson:

The following are the brief comments of Presbyterian University Hospital ("Presbyterian") of Pittsburgh, Pennsylvania, concerning the mortality rates prepared by HCFA for Medicare patients in Fiscal Year 1990. Presbyterian is a nonprofit, tertiary, adult acute care hospital with 636 licensed beds. As part of the University of Pittsburgh Medical Center, an academic medical center, Presbyterian serves as a national and regional referral center and the region's leading medical education and research center.

CASE REVIEW AND QUALITY OF CARE

Presbyterian, while reassured by its own low mortality rates, continues to believe that these numbers do not represent the sole or most important measure of the quality of care provided by its medical and hospital staff. Mortality rates cannot and should not be used to judge the quality of care provided by a hospital. Because of the sophisticated services that are provided in the academic medical center and the corresponding referral of gravely ill patients, studying mortality by looking only at numbers is misleading. Reviewing mortality statistics is but one small portion of the hospital's ongoing effort of measuring and enhancing the quality of care provided. Medical staff departments of Presbyterian conduct an ongoing, systematic

DeSoto at O'Hara Streets
Pittsburgh, PA 15213-2582

monitoring and evaluation program, through which medical records for all patient deaths are reviewed, and clinical findings are discussed and analyzed.

METHODOLOGY

We applaud HCFA's continual efforts in refining its methodology to incorporate the concerns and comments hospitals expressed about the previous years' mortality reports. HCFA has moved closer to providing hospitals with data that are more sensitive to the multiple factors involved in assessing the "risk" of death and use of prediction intervals. Even using the updated methodology, however, the predicted mortality figures and standard deviation ranges continue to be very broad. These broad ranges illustrate the fact that hospitals cannot rely upon mortality-rate calculations as a single quality assessment tool, because such figures are unlikely to accurately identify potential problems.

CONCLUSION

Presbyterian University Hospital and the University of Pittsburgh Medical Center welcome efforts to make the HCFA mortality data more meaningful and look forward to further methodology refinement and education of the public. However, the current data are not appropriate for use by the public in judging the quality of care rendered by hospitals. Rather, the data must be used by professionals in concert with other criteria to be a meaningful component of quality assessment.

Sincerely,

Pat Shehorn

Patricia Shehorn
Vice President, Clinical Administration
University of Pittsburgh Medical Center

PAH PUNXSUTAWNEY AREA HOSPITAL
R.D. #5, Route 36 North • Punxsutawney, Pa. 15767 • (814) 938-4500

March 16, 1992

Gail R. Wilensky, Ph.D.
Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Attention: Robert Moore

(Medicare Provider Number: 39-0199)

Dear Ms. Wilensky:

Punxsutawney Area Hospital has reviewed the 1990 Medicare Hospital Mortality Rates. Our comments follow.

The hospital Quality Assurance Program reviews all hospital mortalities on a timely basis to identify opportunities for improved patient care. The 1990 Medicare Mortality Data release reflects that the number of mortalities in each of the categories is too small to permit satisfactory estimation of statistical indicators. Considering mortality from all causes, however, for hospitals with patients with characteristics similar to this hospital, the observed hospital mortality rate falls within the range of the predicted mortality at the 95% confidence level. Therefore, we find no statistically significant difference between the hospital's overall actual mortality rate and the predicted rate generated by the HCFA model.

Although mortality prediction intervals by individual category is too small to project, the hospital did conduct a focus review of mortalities in two categories in which it appears that the observed mortality would exceed predicted intervals had there been a capability to produce meaningful statistical measures of the standard deviation.

In the category of Chronic Obstructive Pulmonary Disease, we failed to identify quality concerns in the four mortalities reported. Three patient's advance directives for care precluded a maximal therapeutic effort and one patient was discharged improved and expired two weeks post-discharge. In the category of cholecystectomy, we identified a similar advance directive limiting care of post-operative complications in the one reported mortality.

We conclude our comments cautioning interpretation of the data due to interval problems with statistical validity in small number sampling.

Sincerely,

Daniel Blough

Daniel D. Blough
Administrator

DDB/mad

RIDDLE
MEMORIAL
HOSPITAL

March 13, 1992

Medicare Provider #: 390222

The Health Care Financing Administration's annual release of data provides information on Medicare discharges for fiscal year 1990.

Each year, the methodology is refined to make the statistics more meaningful and useful for the Medicare beneficiary, yet it is still difficult to understand the significance of comparing actual mortality rates to predicted rates. The predicted rates are specific for Riddle Memorial Hospital based on our patient's characteristics, including age, sex, chronic illnesses and place of residence (i.e., private home, nursing facility, etc.). Therefore, it would be meaningless to compare one hospital's statistics with those of another.

Riddle Memorial Hospital has reviewed the data provided to us. In those few disease conditions where the observed or actual mortality rate was greater than predicted, the increase was minimal and easily explained. For example, our records for patients admitted and treated for pneumonia over this particular time period show the average age of the patient to be 83 years with 77% of the patients admitted from a long term care facility. This type of individual would normally be at high risk for developing pneumonia.

In examining the procedures listed, there are only two areas where Riddle falls above the predicted rates, but the sample size reviewed is less than fifty cases. HCFA admits the precision and interpretability of the estimates are questionable when the category has 50 or fewer cases. Therefore, we feel these figures are insignificant.

The goal of HCFA's annual release of mortality information is to improve the care provided to Medicare beneficiaries and to assist them in making more informed decisions. While this is an admirable undertaking, we feel the information can be misleading due to subjective interpretation.

Daniel E. Kennedy
Vice President

mp/1640T

Riddle Memorial Hospital, U.S. Route One, Media, PA 19063-5177 (215) 566-9400

Medicare Provider No.390159

SACRED
HEART
HOSPITAL
AND REHABILITATION CENTER

1430 DeKalb Street, Norristown, PA 19401
215-278-8200

Comments on the HCFA Mortality Data
Sacred Heart Hospital, Norristown PA

Sacred Heart Hospital appreciates the opportunity to comment on the Health Care Financing Administration mortality data. We were pleased to note that Sacred Heart Hospital's statistics did not indicate significant differences in the observed mortality from what was predicted.

As stated in our comments of last year's data release, Sacred Heart Hospital believes that caution should be used in terms of anyone reaching either general or specific conclusions about quality of care from mortality data.

Knowing the limitations of mortality data alone as a sole or valid quality indictor, Sacred Heart Hospital and its Medical Staff have developed and maintained for many years a formalized and intensive internal program of reviewing, analyzing and improving the quality of care provided to all of its patients. This program of peer review is based upon the standards of the Joint Commission on the Accreditation of Health Care Organizations, Medicare peer review requirements, various licensing bodies and other entities involved in the review and improvement of medical care. Peer review is performed on an ongoing basis and involves all of the departments within the hospital. The program is based on many different criteria against which the care of individual patients is compared, taking into account all of the significant factors related to their specific circumstances. If specific situations or patterns are identified, further indepth analysis is accomplished and corrective action is initiated.

All deaths are individually reviewed as part of the hospital peer review and quality management program to focus on potential areas of improvement. Each case is analyzed because at the time of admission, particularly patients in the Medicare population which this data exclusively addresses, death is the expected outcome and medical intervention will not alter that outcome.

A key factor affecting the condition of a patient or their expected outcome which is not included in the model utilized by HCFA include a valid measure of admission severity based on clinical data (i.e. how sick the patient was at the time of admission). The data utilized was only that which is provided on billing data which may not include specific clinically pertinent elements.

c:hcfa1990.cma

A. C Godin

A.C. Godin
President

A NOT FOR PROFIT
COMMUNITY HOSPITAL
OWNED AND OPERATED BY
THE MISSIONARY SISTERS OF
THE MOST SACRED HEART OF JESUS

SHADYSIDE
HOSPITAL

5230 Centre Avenue
Pittsburgh, Pennsylvania 15232
412/622-2010

Henry A. Mordoh
President

Medicare Provider Number 390055

March 13 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

ATTENTION: Robert Moore

Dear Dr. Wilensky:

Shadyside Hospital is a 486-bed not-for-profit advanced teaching hospital. Recognized for the delivery of cardiac medical and surgical care, pulmonary medicine, endocrinology and diagnostic imaging, Shadyside Hospital also has regional significance in the delivery of orthopedic surgery, hematology, gastroenterology, neuroscience and geriatric services. The Hospital serves the Pittsburgh and tri-state region by providing personal, cost-effective medical care, education and research; primary care for its immediate community; and specialized services for a referred population from the tri-state region and beyond.

The FY90 Medicare Hospital Mortality Information reflects the continued adjustments made in the reporting methodology. While this has resulted in more meaningful information regarding death rates, as emphasized by HCFA, it is not a measurement of quality. This death rate information would be more meaningful if the severity of patients could be addressed in the HCFA model. The reporting of deaths that occur following hospital discharge may well be related to such contributing factors such as the quality and availability of aftercare, patient choice to die at home, compliance with aftercare instructions, as well as the inevitable progress of certain disease processes. Arriving at a valid predictive model is extremely difficult, as HCFA's effort shows.

A Corporate affiliate of
SHERCORP Shadyside Health, Education and Research Corporation

Medicare Provider Number 390055

At Shadyside Hospital, the review of all deaths is a part of our quality management program. As a Pennsylvania hospital, we use the required MedisGroups severity indexing system as well as peer review to routinely identify, evaluate, track and trend any issues related to quality and efficiency. We have appointed a Chief Physician Advisor to assist us in our clinical continuous quality management, and he regularly assists medical staff members in quality review.

As in the past, it is difficult to validate the reported deaths that occur following hospital discharge. It may be misleading for the reader not to know what portion of deaths occurred during the hospitalization. At Shadyside Hospital, we are investigating the accuracy of our reporting of factors that are use by HCFA in developing its predictions. We are aware of instances where inaccuracy of the predictive model has inappropriately caused questions to be raised about a hospital's quality.

Another concern is the fact that while we have reported in the 1990 AHA Annual Survey the existence of our Cardiac Intensive Care Unit, HCFA reports in our Hospital's Characteristics, which are directly extracted from that survey, that our hospital does not have a Cardiac Intensive Care Unit. Cardiac care is a major specialty at Shadyside Hospital.

Shadyside Hospital is dedicated to providing quality care. Once again, I appreciate your collaboration with hospitals to arrive at the best quality data for consumers.

Sincerely,

Henry A. Mordoh, President

HAM/jg
(WILENSKY.LTR)

The South Side Hospital
2000 Mary Street
Pittsburgh, PA 15203
412 488-5550

George J. Korbakes
President

March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Mr. Moore:

Dr. Rocco A. Vernino, Vice President/Medical Director, and Nancy Hudson, R.N., Quality Assessment Coordinator, reviewed the Medicare Hospital Mortality information statistics and presented findings to the Medical Staff. Conditions and procedures where the observed rate exceeded the predicted rate of mortality were the focus of review for the medical records from fiscal year 1990 admissions. A brief synopsis of our review follows:

- Review of Acute Myocardial Infarction indicates 32 cases with an average age of 75.6 years. All cases reviewed indicate critical conditions on admission to The South Side Hospital and grave prognoses due to extent of myocardial injury. Each case reviewed had a history of Coronary Artery Disease.

- Review of Congestive Heart Failure indicates 66 cases with an average age of 77.6 years. Each case reviewed indicates severe comorbid conditions, i.e., renal failure, COPD and cardiomyopathy. The majority of these cases were intractable CHF.

- Review of Pneumonia indicates 38 patients with an average age of 80.5 years. Each case reviewed indicates severe comorbid conditions present, i.e., lung cancer, COPD, renal failure. One case specifically was a cardiac death from ventricular fibrillation unrelated to pneumonia.

- Review of Transient Cerebral Ischemia reveals five cases and an average age of 85.4 years. In the majority of these cases, the patient died one to three months after discharge from The South Side Hospital. These patient were felt to be medically stable on discharge. In one case, the patient was a DNR and the family refused any aggressive treatment. One case listed the patient was admitted with sepsis and terminal and there was no transient cerebral ischemia noted on this patient.

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for life."

- Review of Stroke reveals 42 patients with an average age of 81.5 years. In each case reviewed, the cause of death was due to the extent of brain injury (massive) rather than quality of care issues. The majority of these cases were DNR's due to the severity of damage from the infarct.

- Review of Sepsis reveals seven cases and an average age of 81.4 years. Those patients who died after discharge were felt to be medically stable on discharge. These patients also had serious comorbid conditions. Two cases were DNR's and one patient had acute leukemia with very little immune system.

- Review of hip replacement, reconstruction revealed four cases with an average age of 84.7 years. ORIF's revealed three cases and an average age of 80.6 years. The cases reviewed who died after discharge from The South Side Hospital were medically stable on discharge. Most successfully completed rehabilitation programs but also had several comorbid conditions. One case reviewed actually died of an acute MI unrelated to the hip surgery. One case died from metastatic cancer.

- Review of Prostatectomy revealed two cases with an average age of 79.5 years. Both died after discharge from The South Side Hospital. Both patients were stable on discharge but had several other comorbid conditions.

- Review of Cholecystectomy revealed six cases with an average age of 79.6 years. Two cases were elderly with DNR orders and multiple comorbid conditions. One case that died two months after discharge also had a gastrectomy at the time of the cholecystectomy for gastric cancer. All cases had comorbid conditions felt to be the cause of death rather than the surgical procedure.

We appreciate the opportunity to review our statistics in more detail and learn from this review.

If you have any questions concerning the above, please contact Dr. Rocco A. Vernino, Mrs. Marcie Caplan, or me at (412) 488-5600.

Sincerely,

George Korbakes

George J. Korbakes
President

cc: Rocco A. Vernino, M.D.
Marcie S. Caplan

ST. FRANCIS HOSPITAL
OF NEW CASTLE
1000 So. Mercer St.
New Castle, PA 16101-4673
Phone 412-658-3511

March 17, 1992

Hospital ID 390017

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Dear Dr. Wilensky:

We are in receipt of the Health Care Financing Administration's (HCFA) 1990 Medicare mortality data for this hospital. The actual and predicted mortality rates at 30, 90 and 180 days following the randomly selected admission of the patient are included. Since the precision and interpretability of HCFA's estimates of mortality (predicted mortality rates) are questionable in categories with 50 or fewer patients, comments will be confined to the four categories in which this hospital has greater than 50 patients.

The Standardized Mortality Ratio (SMR), suggested by HCFA as a method the hospital can employ to evaluate its performance, has been calculated for all four categories with greater than 50 patients. For nine of the twelve time intervals, the SMR was less than 1, indicating the hospital's mortality rate was less than predicted for patients nationally with similar characteristics. For the other three time intervals, the SMR was not significantly greater than 1.

Although the hospital's mortality rates are generally lower than predicted, using the HCFA mortality model, the hospital supports those numerous studies which suggest that many factors influence the mortality experience in a health care facility, and that mortality is not directly correlated with the quality of medical care the patient receives.

Sincerely,

Sister Donna Zwigart

Sister Donna Zwigart
Chief Executive Officer

SDZ/mgm

St. Joseph
HOSPITAL
Twelfth and Walnut Streets, Box 316, Reading, PA 19603 (215) 378-2301

Office of the President

Medicare Provider # 390158

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187
ATTN: Robert Moore

Dear Dr. Wilensky:

The FY 1990 mortality rates compiled for St. Joseph Hospital, Reading, Pennsylvania, indicate that our results are well within the predicted range for acute care general hospitals. This statement applies not only to the overall mortality rates for all causes, but also to individual mortality rates for specific diagnoses and procedures. This latter observation indicates consistency in providing an excellent quality of care for a broad range of medical and surgical conditions.

In addition, there have been significant reductions in 30, 90 and 180 day mortality, since FY 1989 for acute myocardial infarction and congestive heart failure, and for open reduction of hip fracture. This is explained by a number of factors, including the concern for improving outcomes shared by our medical staff and allied health professional staff, as well as by the introduction of new modalities for evaluation and treatment of these conditions.

Sincerely,

Thomas E. Beeman

Thomas E. Beeman
President

TEB:mcG

Saint Vincent
Health Center

232 West 25 Street
Erie, Pennsylvania 16544
814/452-5000

Medicare Provider Number: 390009

March 16, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

Attention: Robert Moore

Dear Mr. Moore:

Thank you for requesting our comments on the Health Care Financing Administration (HCFA) mortality data. We appreciate receiving this data, which is otherwise unavailable in this form.

We have reviewed the Saint Vincent data provided by HCFA, and it appears to be accurate. Saint Vincent falls within the predicted mortality range in all DRGs.

Overall, we are pleased to see that some changes have been made in your methodology. Several additional changes, such as appropriate severity adjustments, are still needed to produce meaningful data.

As in the past, we will incorporate this data into our existing quality assurance process as yet another screen. Due to the data's limitations, we believe that this is its only meaningful use. True quality assessment can only be achieved through peer review on a case-by-case basis.

Thank you again for the opportunity to comment. Saint Vincent and its medical staff remain committed to continuous improvement and the provision of high quality medical care. We commend you for your efforts in this area.

Sincerely,

SAINT VINCENT HEALTH CENTER

Sister Catherine Manning

Sister Catherine Manning
President

SUBURBAN
GENERAL HOSPITAL
Where Caring Is A Tradition

Medicare Provider Number: 390074

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, MD 21207-5187

March 17, 1992

To Whom It May Concern;

Suburban General Hospital is in receipt of the Medicare Hospital Information-1992 for Mortality rates. We are again pleased with the results of our information and acknowledge, however, that the data may not be a true indication of the quality of patient care.

Our Medical Staff departments review 100% of hospital mortalities on a monthly peer review basis. We also, as an ALPHA participating facility, further evaluate morbidity and mortality summary data on a quarterly basis. The actual mortality summaries are incorporated for Quality Assurance Committee review and subsequent Board of Directors review. Our process has been successful and quality patient care remains our priority.

We wish to make the following comments regarding the HCFA mortality rates for fiscal year 1990:

1. Under "All Causes," the mortality rate is not statistically significant at any interval given. Our cases fell under the predicted rate for the 30, 90, and 180 day increments.
2. Noted under "Conditions," four of the eight conditions did not yield a standard deviation for calculation.

   * Acute myocardial infarction did fall within the confidence interval at slightly above one standard deviation for each time period. This is not determined as requiring further investigation at this time.

   * Congestive Heart Failure (CHF)- This diagnosis fell within one standard deviation for all intervals listed. Our mortality rate for the 180 day interval fell slightly below the predicted rate.

   * Pneumonia- This diagnosis, as our second highest condition per case number, yielded evidence that our facility remained within one standard deviation from the predicted rate at all intervals for mortality. Our facility recently reviewed appropriateness of antibiotic therapy for this condition for Emergency Department admissions. The retrospective study revealed good practice patterns amongst Emergency Department physicians.

2. Conditions, Continued..,

   * Stroke- Our mortality rate fell below the predicted rate at all intervals and within one standard deviation. No action deemed necessary at this time with regard to this condition.

3. The listing of the nine procedures for mortality rates during fiscal year 1990 did not yield any standard deviation, related to number of deaths and case size. No action deemed necessary with regard to procedure listings.

4. Regarding the facility "Observed Mortality Rate and Predicted Range," fiscal years 1988 through 1990, Suburban General Hospital did not exceed the median limit at any given time. Fiscal year 1988 revealed our facility was at the median limit for the 90 and 180 day interval, and under the median limit at 30 days. Fiscal year 1989 revealed our facility fell below the mean predicted limit for all intervals but was within the confidence interval range. Fiscal year 1990 noted that our facility was at the median limit at 30 days and slightly below, within the confidence interval, at 90 and 180 days.

5. Upon review of the "Procedure" data for fiscal years 1988 and 1989, it is noted that no standard deviation is generated to determine outlier status. Further review of the data generated for "Conditions" during 1988 and 1989 will occur using comparison data from the HCFA Mortality report from 1991.

We are in appreciation of the additions to the data, i.e., "Values for Selected Explanatory Factors Used to Predict Mortality Rates." The data will be presented to the Medical Staff departments and the Board of Directors at a future date.

Please contact our facility if you should have any questions concerning the above comments. Thank you for your continued efforts.

Sincerely,

Thomas H. Prickett

Thomas H. Prickett
President

THP/mga

Suburban General Hospital
Minutes away. Miles ahead.
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(215) 278-2000 • Fax # (215) 272-4642

#390116

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information

ATTN: Robert Moore

The following are comments regarding the Healthcare Financing Administration's fiscal year 1990 mortality data. Below please find comments in three categories:

1. **CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
   Although the number of cases in this category is too small to calculate a standard deviation, review of the 5 mortalities reported within 30 days indicates that all 5 involved elderly patients with a multiplicity of problems. All had DNR orders documented indicating a patient and/or family request that no heroic measures be taken.

2. **SEPSIS**
   Although the number of cases in this category is too small to calculate a standard deviation, review of the 4 mortalities reported within 30 days required emergency admission and 3 of the 4 were patients from long term care facilities. The average age of these patients was 83 and all had DNR orders documented indicating a patient and/or family request that no heroic measures be taken.

3. **OPEN REDUCTION OF HIP FRACTURE**
   Although the number of cases in this category is too small to calculate a standard deviation, review of the 2 mortalities reported within 30 days indicates that the patients were elderly

with multiple co-morbid conditions. Both patients were evaluated to be anesthesia risks of 3 or 4 (5 being the most severe) but nonetheless required surgery.

Thank you for the opportunity to comment.

Sincerely,

Edward R Solvibile

Edward R. Solvibile
President

ERS:jd

THE WASHINGTON HOSPITAL

155 Wilson Avenue
Washington, PA 15301
412-225-7000
FAX: 412-222-7316

Medicare Provider #390042

March 17, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

ATTENTION: Mr. Robert Moore

Dear Mr. Moore:

The Washington Hospital has reviewed the Medicare Hospital Mortality statistics for Federal fiscal year 1990.

In every category, whether it be "conditions" or "procedures", and at every time frame, we were not statistically significant at the 75%, 95% or 99% confidence levels. Our experience was not different from what was expected in terms of mortality rates, and no patterns have been identified in the data.

We verified a sample of the deaths listed by auditing the medical record and calling physicians' offices to confirm that the patient had expired. We found no discrepancies in that sample. We ascertained that the majority (83%) of our Medicare deaths were patients older than 70 years, and that 78% of those had "Do Not Resuscitate" orders.

Evaluation of the process of care is the basis of our quality assessment plan. This includes review of all in-house mortalities. We support efforts to share health care statistics with our consumers. However, HCFA's mortality rates fail to address factors such as severity of illness and they do not measure the quality of care that is delivered in the hospital setting.

Very truly yours,

E. L. Strosser
President

ELS:JAM/mc

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